

NEW HOLLAND

8N

9N

2N

SERVICE PARTS CATALOG



GENERAL INFORMATION

1. Whenever the terms left and right are used, it should be understood to mean from a position facing in direction of travel.
2. Throughout this manual you find common hardware not illustrated, but listed in the description column. The service part immediately preceding a hardware listing is the part using these particular items for mounting purposes. This hardware is not included with the service part or assembly when ordered as a replacement.
3. CNH America LLC is continually striving to improve its products. We must, therefore, reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

ALWAYS USE GENUINE NEW HOLLAND PARTS

CNH America LLC, Racine, WI 53404 U.S.A.

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- 1 Position of the "Figure" on the machine.
- 2 Reference - Figure call-out of the part number.
- 3 Parts supplied in repair kits per symbol reference.
- 4

01.14.0-2

 Parts illustrated on the Page or in the Figure indicated, or calls for Variations or Details. Indicates components shown in detail elsewhere in the catalog under the figure number shown.
- 5 Technical specifications relating to the Part indicated.
- 6

1

 Item Includes References noted in description.
- 7 Orientation. (Arrow indicates front of the machine.) 
- 8 Figure description.
- 9 General information of the figure.
- 10 Assembly code.
- 11 Sequence code within the assembly.
- 12 Page number within the sequence code.
- 13 Date of printing or updating of page (month-year).
- 14 Note - Relating to the Part Number. There is a key to symbols and abbreviations at the bottom of the text page.
- 15 Non-serviced parts.
- 16 Further description of the part to help confirm identification.
- 17 Not available as service part in this market.
- 18 Part Number.
- 19 Year
 - Before 06/85 = Part valid for production 06/85 and before
 - From 07/85 = Part valid for production from 07/85 and after
 Serial Number
 - BSN 31011913 = Part valid for serial number 31011913 and below
 - ASN 31011914 = Part valid for serial number 31011914 and above
 Modification
 - C 0201 = Part valid UNTIL 0201 change.
 - D 0300 = Part valid FROM 0300 change.
 - F 0202 = Part valid FROM Serial N..... to Serial N.....
 Implementation of change. Serial number from which the change starts. The numbers are indicated on the identification plate of the model.
 E.g.: D0300 Serial N 2503001 means that the part has been installed "From" serial number 2503001. Consequently, the parts marked by C0201, were installed "UP TO" serial number 2501999.
 See code table.
- 20 Total Quantity of the Part referred to in the page. The quantity can be replaced by the following indications:
 M = supplied in metres. AR = quantity as required.
- 21 Part Description.
- 22 Footnote references.
- 23 Figure notes.
- 24 Model number(s).

METRIC AND INCH HARDWARE

Allowances have been made in punched and drilled holes to allow interchangeability of metric and inch dimension hardware in fastening and mounting applications. However, this interchangeability does not apply to tapped holes or using metric dimension nuts on inch cap screws, studs and bolts. Likewise, inch dimension nuts cannot be used on metric cap screws, studs or bolts.

Following is a listing of Common sizes for substitution.

Inches	Millimeters
Screw Diameter	
3/16"	5 mm
1/4"	6 mm
5/16 "	8 mm
*3/8"	*10 mm
1/2"	12 mm
9/16"	14 mm
5/8"	16 mm
Screw Length	
5/8"	15 mm
3/4"	20 mm
*1"	25 mm
1-1/4"	30 mm
1-3/8"	35 mm
1-1/2"	40 mm
1-3/4"	45 mm
2"	50 mm
2-1/4"	60 mm
2-3/4"	70 mm
3"	80 mm
3-1/2"	90 mm
4"	100 mm

*EXAMPLE: For most applications a 3/8" x 1" cap screw and nut can be replaced by a 10 mm x 25 mm cap screw and nut.

For additional size information and possible substitutions, either inch to metric or metric to inch, please refer to the conversion table in this catalog.

CONVERSION CHART

Inch Fractions and Decimals to Millimeter Equivalents											
INCHES		MM	INCHES		MM	INCHES		MM	INCHES		MM
Fraction	Decimal		Fraction	Decimal		Fraction	Decimal		Fraction	Decimal	
-	.0004	.01	-	.3	7.620	-	.7874	20	-	1.969	50
-	.001	.025	5/16	.3125	7.938	51/64	.7969	20.241	2	2.000	50.8
-	.0039	.10	-	.3150	8	13/16	.8125	20.638	2-1/8	2.125	54
-	.005	.127	21/64	.3281	8.334	-	.8268	21	-	2.165	55
-	.0079	.2	-	.3346	8.5	53/64	.8281	21.034	2-1/4	2.250	57.2
-	.0098	.25	11/32	.3438	8.731	27/32	.8438	21.431	-	2.362	60
-	.01	.254	-	.3543	9	55/64	.8594	21.828	2-3/8	2.375	60.3
-	.0118	.3	23/64	.3594	9.128	-	.8662	22	2-1/2	2.500	63.5
1/64	.0156	.397	-	.3740	9.5	7/8	.8750	22.225	-	2.559	65
-	.0157	.4	3/8	.375	9.525	57/64	.8906	22.622	2-5/8	2.625	66.7
-	.0197	.5	25/64	.3906	9.922	-	.9	22.860	2-3/4	2.750	69.9
-	.0236	.6	-	.3937	10	-	.9055	23	-	2.756	70
-	.025	.635	-	.4	10.160	29/32	.9063	23.019	2-7/8	2.875	73
-	.0276	.7	13/32	.4062	10.319	59/64	.9219	23.416	-	2.953	75
-	.0295	.75	-	.4134	10.5	15/16	.9375	23.813	3	3.000	76.2
1/32	.0313	.794	27/64	.4219	10.716	-	.9449	24	-	3.150	80
-	.0315	.8	-	.4331	11	61/64	.9531	24.209	3-1/4	3.250	82.6
-	.0354	.9	7/16	.4375	11.113	31/32	.9688	24.606	-	3.346	85
-	.0394	1	29/64	.4531	11.509	-	.9843	25	3-1/2	3.500	88.9
3/64	.0469	1.191	15/32	.4688	11.906	1	1.000	25.400	-	3.543	90
-	.0472	1.20	-	.4724	12	-	1.024	26	-	3.740	95
-	.05	1.270	31/64	.4844	12.303	1-1/16	1.062	26.988	3-3/4	3.750	95.3
-	.0551	1.4	-	.4921	12.5	-	1.063	27	-	3.937	100
-	.0591	1.50	1/2	.5	12.700	-	1.102	28	4	4.000	101.6
1/16	.0625	1.588	-	.5118	13	1-1/8	1.125	28.575	-	4.331	110
-	.0669	1.70	33/64	.5156	13.097	-	1.142	29	4-1/2	4.500	114.3
-	.075	1.905	17/32	.5326	13.494	-	1.181	30	-	4.724	120
5/64	.0781	1.984	-	.5315	13.5	1-3/16	1.188	30.16	5	5.000	127
-	.0787	2	35/64	.5469	13.891	-	1.221	31	-	5.118	130
-	.0906	2.3	-	.5512	14	1-1/4	1.250	31.75	5-1/2	5.500	139.7
3/32	.0938	2.381	9/16	.5625	14.288	-	1.260	32	-	5.512	140
-	.0984	2.5	-	.571	14.5	-	1.299	33	-	5.906	150
-	.1	2.540	37/64	.5781	14.684	1-5/16	1.312	33.34	6	6.000	152.4
-	.1024	2.6	-	.5906	15	-	1.339	34	-	6.299	160
7/64	.1093	2.776	19/32	.5938	15.081	1-3/8	1.375	34.93	6-1/2	6.500	165.1
-	.1181	3	-	.6	15.240	-	1.378	35	7	7.000	177.8
1/8	.125	3.175	39/64	.6094	15.478	-	1.417	36	-	7.087	180
-	.1378	3.5	-	.6103	15.5	1-7/16	1.438	36.51	7-1/2	7.500	190.5
9/64	.1406	3.572	5/8	.6250	15.875	-	1.457	37	-	7.874	200
5/32	.1563	3.969	-	.6299	16	-	1.496	38	8	8.000	203.2
-	.1575	4	41/64	.6406	16.272	1-1/2	1.500	38.10	8-1/2	8.500	215.9
11/64	.1719	4.366	-	.6496	16.5	-	1.535	39	-	8.661	220
-	.1772	4.5	21/32	.6563	16.669	1-9/16	1.562	39.69	9	9.000	228.6
3/16	.1875	4.763	-	.6693	17	-	1.575	40	-	9.449	240
-	.1969	5	43/64	.6719	17.066	-	1.614	41	9-1/2	9.500	241.3
-	.2	5.080	11/16	.6875	17.463	1-5/8	1.625	41.28	-	9.843	250
13/64	.2031	5.159	-	.6890	17.5	-	1.654	42	10	10.000	254
-	.2165	5.5	-	.7	17.780	1-11/16	1.688	42.86	-	10.236	260
7/32	.2188	5.556	45/64	.7031	17.859	-	1.693	43	11	11.000	279.4
15/64	.2344	5.963	-	.7087	18	-	1.732	44	-	11.024	280
-	.2362	6	23/32	.7188	18.256	1-3/4	1.750	44.45	-	11.811	300
1/4	.25	6.350	-	.7283	18.5	-	1.772	45	12	12.000	304.8
-	.2559	6.5	47/64	.7344	18.653	-	1.811	46	13	13.000	330.2
17/64	.2656	6.747	-	.7480	19	1-13/16	1.813	46.04	-	13.780	350
-	.2756	7	3/4	.75	19.050	-	1.850	47	14	14.000	355.6
9/32	.2813	7.144	49/64	.7656	19.447	1-7/8	1.875	47.63	15	15.000	381
-	.2953	7.5	-	.7677	19.5	-	1.890	48	-	15.748	400
19/64	.2969	7.541	25/32	.7813	19.844	-	1.929	49	16	16.000	406.4

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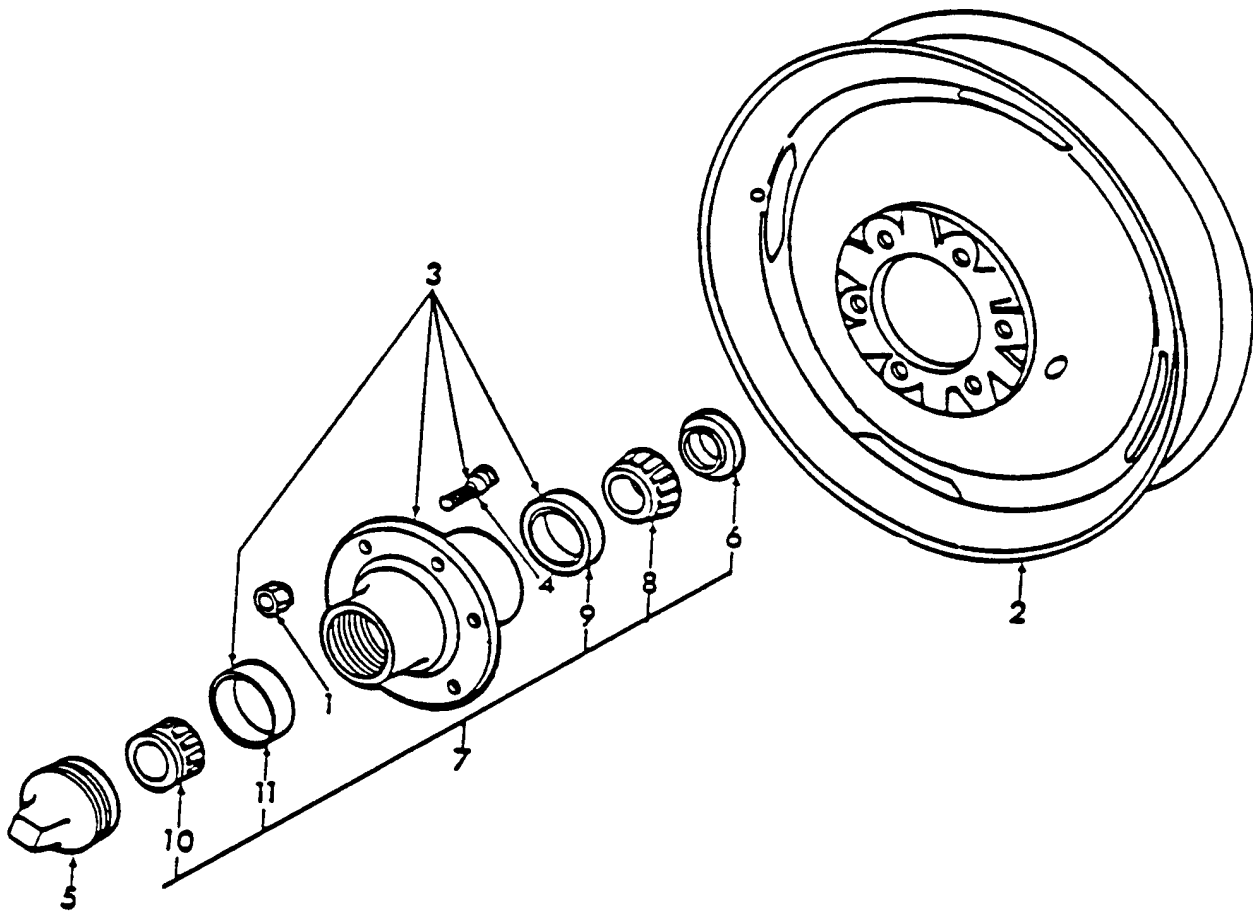
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01B01	REAR WHEEL & RELATED PARTS - 9N, 2N, 8N

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FRONT WHEEL & RELATED PARTS - 9N, 2N, 8N



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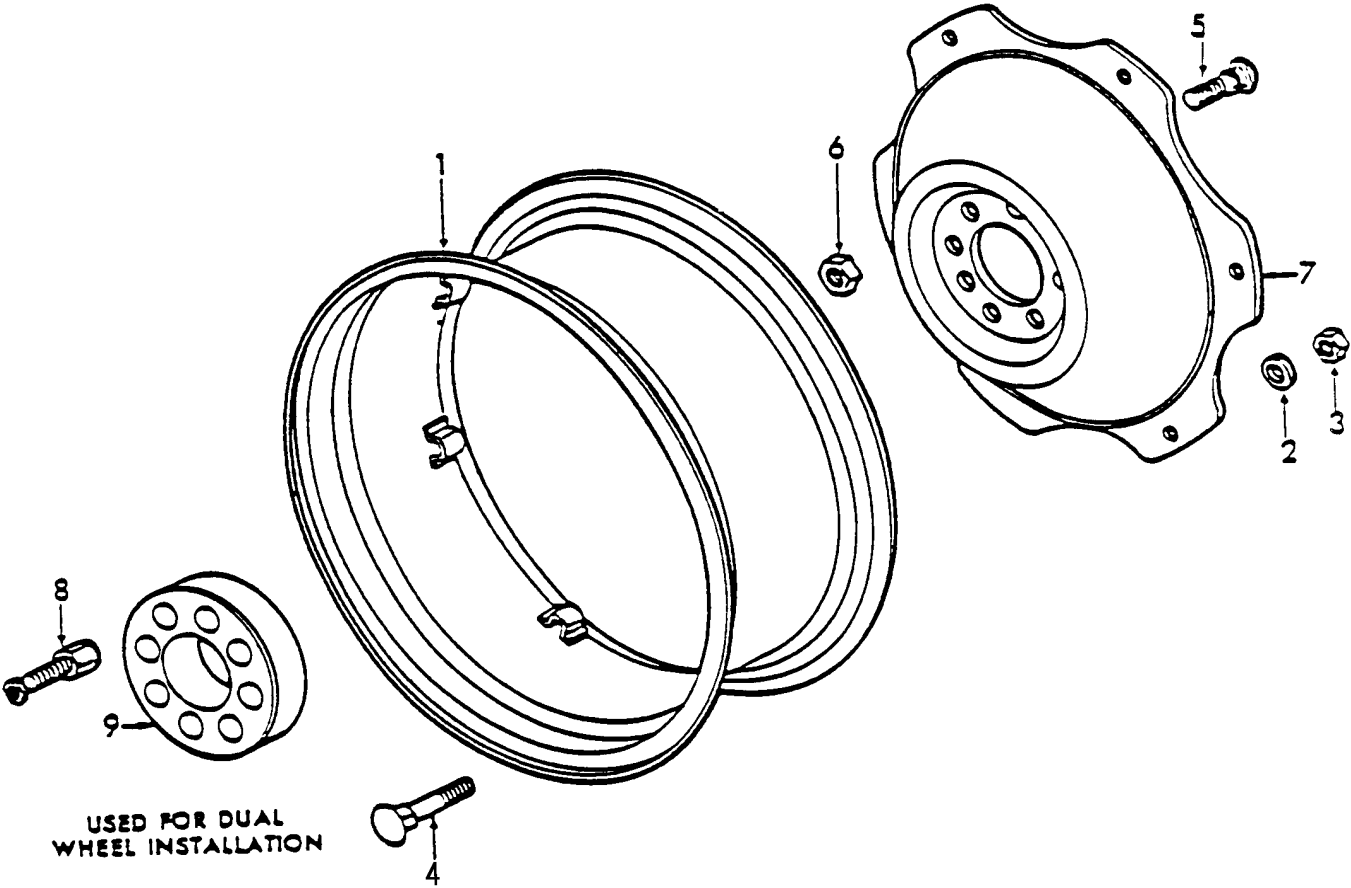
FRONT WHEEL & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		81815739	BTW 01/39 & 12/47	10	Nut, 1/2"-20, Front Wheel Bolt, Used W/C5NN-1107-E Front 9N, 2N
2		NLS	BTW 01/39 & 12/47	2	Wheel Assy., 9N, 2N {9N1015A}
2	1	C5NN1015A	BTW 01/48 & 12/52	2	Wheel Assy., 6" Bolt Hole Dia., 4 x 19 Tires, 8N
2		82006575	BTW 01/48 & 12/52	2	Wheel Assy., Used W/5.50 x 16" Tires, 8N
2		8N1015D	BTW 01/48 & 12/52	2	Wheel Assy., 6.00-6.50 x 16" Tire KA, Heavy Duty, 8N
3	1	9N1104A	BTW 01/39 & 12/47	2	Hub & Bolt Assy., Front Wheel, 9N, 2N
3		86511582	BTW 01/48 & 12/52	2	Hub & Bolt Assy., Front Wheel, 8N
4		C5NN1107E	BTW 01/39 & 12/47	10	Bolt, Front Wheel Hub, Used W/2N-1012 Nut, 9N, 2N
5		2N1139B	BTW 01/39 & 12/52	2	Cap, Front Hub, 9N, 2N, 8N
6		202784	BTW 01/39 & 12/52	2	Retainer Assy., Front Hub, 9N, 2N, 8N
6		NLS	BTW 01/39 & 12/47	2	Spacer, Front Hub, Dust Cap, 9N, 2N
7		CBPN1200A	BTW 01/39 & 12/52	2	Kit, Bearing & Retainer, Front Wheel, 9N, 2N, 8N, Includes: Ref. 6 & 8 thru 11
8		86609936		1	Bearing, Cone, Inner
9		72063		1	Bearing, Cup, Tapped Roller, .625" Thk x 2-1/2" OD
10		86576860		1	Cone & Roller Assy., Outer
11		86577043		1	Cup, Outer

(1) No Longer Serviced

2N 9N 8N

REAR WHEEL & RELATED PARTS - 9N, 2N, 8N



REAR WHEEL & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NCA1020B	BTW 01/39 & 12/52	2	Rim, 10" x 28", 9N, 2N, 8N
2		351505S8	BTW 01/39 & 12/52	12	Washer, Flat, 5/8"
3		408	BTW 01/39 & 12/52	12	Nut, G5, 5/8"-18
4		370938S36	BTW 01/39 & 12/52	12	Bolt, Round Hd., Rim to Disc, 5/8"-18 x 2-11/16"
5		9N1117	BTW 01/39 & 12/47	12	Bolt, 9N, 2N
5		312696	BTW 01/48 & 12/52	16	Bolt, Rear Wheel, 5/8"-18 x 1.98", Wheel Disc to to Brake Drum, Fluted Shoulder Used W/8N-1134, See Fig. Rear Axle 4A2, 8N Only
6		PL	BTW 01/39 & 12/47	12	Nut, Flange, 5/8"-18, Rear Wheel to Axle, 9N, 2N
6		86531375	BTW 01/48 & 12/52	16	Nut, Wheel, G5, 5/8"-18, Used W/312696 Bolt, See Fig. 4A2, 8N
7	1	F1NN1036KA	BTW 01/48 & 12/52	2	Disc, 8N
8		NLS	BTW 01/48 & 12/52	16	Nut, Rear Wheel Flange, Dual Wheel {8N1132A}
9		8N1156A2	BTW 01/48 & 12/52	2	Spacer, Rear Wheel, Dual Wheel
10	2	NLS	BTW 01/39 & 12/47	96	Bolt, Lug to Wheel, 9N, 2N {9N1155}
11	2	PL	BTW 01/39 & 12/52	96	Washer, Lock, 7/16"
12	2	PL	BTW 01/39 & 12/47	96	Nut, Hex, 7/16"-20, Lug to Wheel, 9N, 2N

(1) If the disk hits the drum, grind the drum down a little until they clear.

(2) Not illustrated

2N 9N 8N

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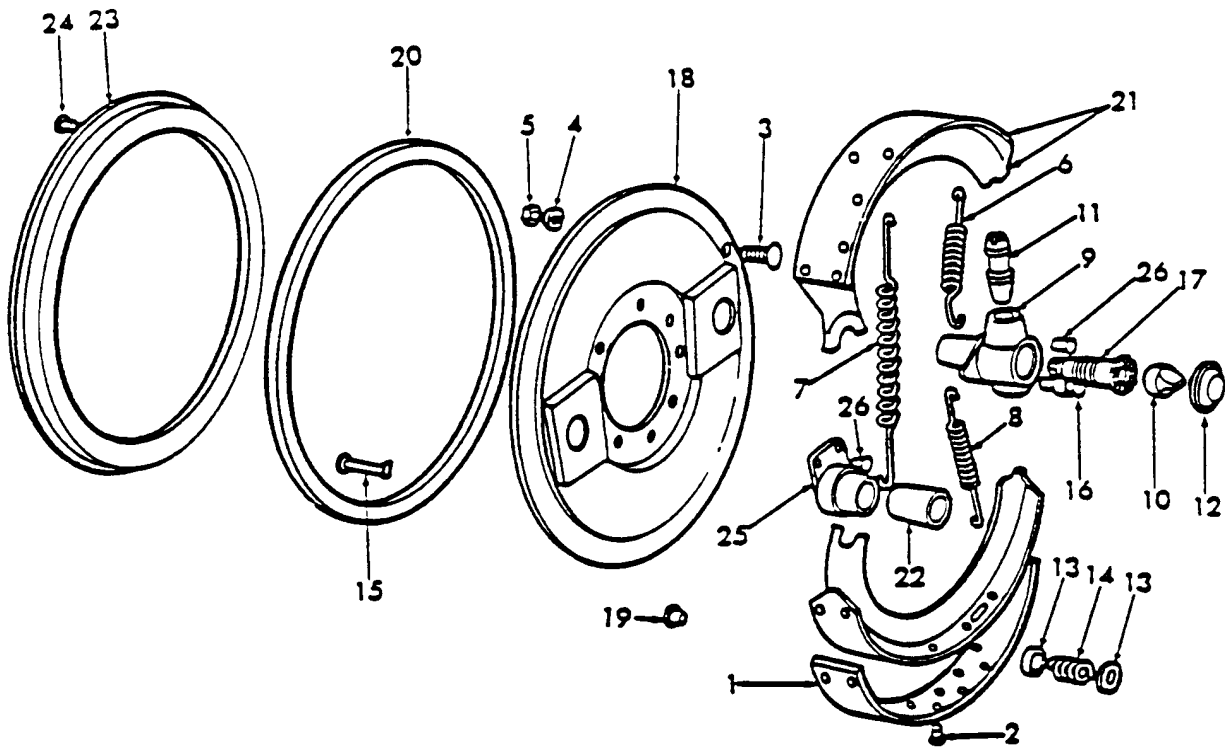
02A01	BRAKES & RELATED PARTS (1939/47) - 9N, 2N
02A02	BRAKES & RELATED PARTS (1948/52) - 8N
02B01	BRAKE CONTROLS & RELATED PARTS - 9N, 2N
02B02	BRAKE CONTROLS & RELATED PARTS - 8N

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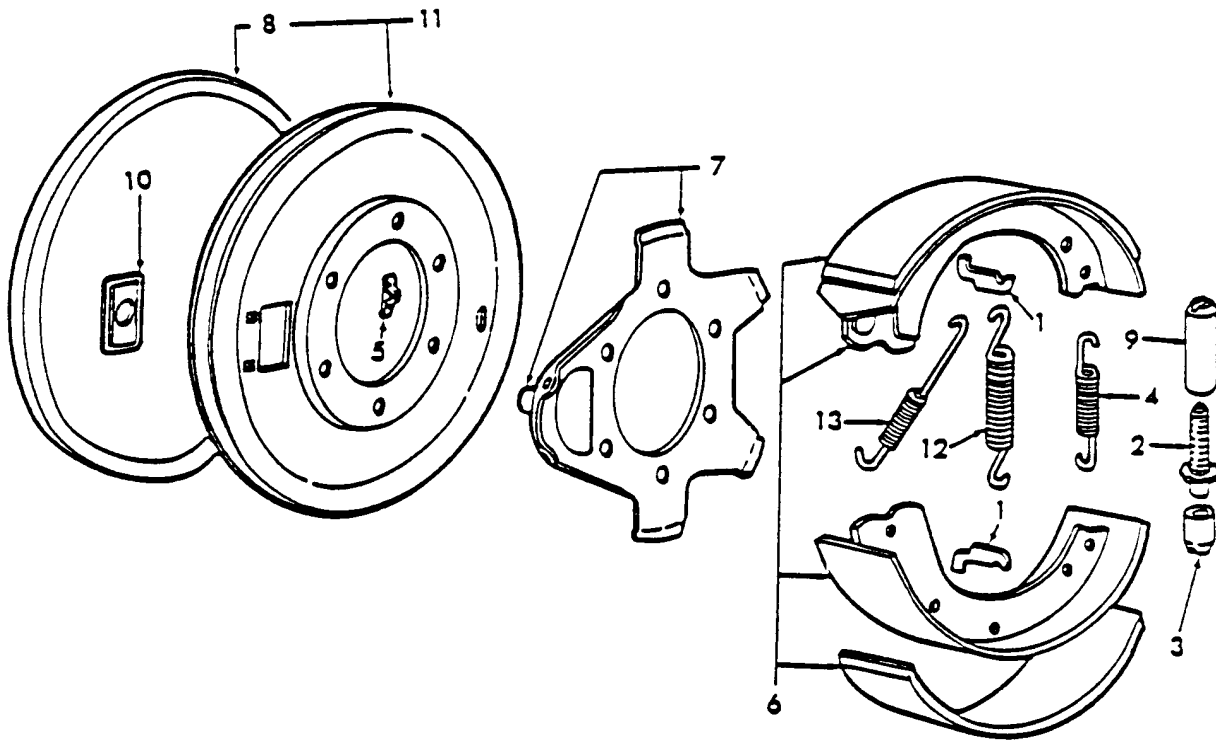
BRAKES & RELATED PARTS (1939/47) - 9N, 2N



BRAKES & RELATED PARTS (1939/47) - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9N2219A	BTW 01/39 & 12/47	4	Lining, Kit
2		351978S	BTW 01/39 & 12/47	60	Rivet, 3/16" x .47, Shoe to Lining
3	1	9N2030	BTW 01/39 & 12/47	2	Equalizer Assy., Brake
4		PL		2	Washer, Lock, 3/8"
5		PL	BTW 01/39 & 12/47	2	Nut, Hex, 3/8"-24, Equalizer to Brake Carrier Plate
6	1	9N2034	BTW 01/39 & 12/47	2	Spring, Brakeshoe Return, Upper, Green, 4.56" Lg.
7	1	9N2035	BTW 01/39 & 12/47	2	Spring, Brakeshoe Return, Long, Blue, 9" Lg.
8	1	9N2036	BTW 01/39 & 12/47	2	Spring, Brakeshoe Return, Lower, Red, 4.56" Lg.
9	1	9N2040	BTW 01/39 & 12/47	2	Bracket, Brakeshoe Adjustment
10		NLS	BTW 01/39 & 12/47	2	Wedge, Brake Adjustment {9N2041}
11	1	81T2042	BTW 01/39 & 12/47	4	Link, Brakeshoe
12		NLS	BTW 01/39 & 12/47	2	Cap, Brake Adjustment Bracket {81T2043}
13		6H2066	BTW 01/39 & 12/47	16	Cup, Brake Shoe Holddown Spring
14	1	9N2068	BTW 01/39 & 12/47	8	Spring, Brakeshoe Holddown
15	1	9N2069	BTW 01/39 & 12/47	8	Pin, Brakeshoe Holddown Spring
16	1	81T2104	BTW 01/39 & 12/47	2	Stud, Brakeshoe Retracting Spring
17	1	81T2108	BTW 01/39 & 12/47	2	Stem Assy., Brakeshoe Adjustment
18		NLS	BTW 01/39 & 12/47	2	Plate Assy., Brake Backing {9N2213B}
19		PL	BTW 01/39 & 12/47	2	Plug, Button, Brake Carrier Plate, 3/8"
20		9N2217	BTW 01/39 & 12/47	2	Seal, Brake Dust
21		9N2219A	BTW 01/39 & 12/47	4	Shoe & Lining Assy., Brake
22		9N2227A	BTW 01/39 & 12/47	2	Bushing, Brake Camshaft
23		9N2252	BTW 01/39 & 12/47	2	Ring, Brake, Dust Shield
24		NLS	BTW 01/39 & 12/47	16	Rivet, Button Hd., 9/64" x .38, Ring to Brake Plate {357154S}
25		NLS	BTW 01/39 & 12/47	2	Bracket, Brake Camshaft, 9N, 2N {9N2304}
26		PL	BTW 01/39 & 12/47	8	Rivet, Camshaft Bracket, 1/4" x 7/8"
(1) No Longer Serviced					
					2N 9N

BRAKES & RELATED PARTS (1948/52) - 8N



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03/04

BRAKES & RELATED PARTS (1948/52) - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
	1	8N2007A	BTW 01/48 & 12/52	1	Kit, Lining, Consists of 4 Linings & 50 Rivets
	1	8N2007B	BTW 01/48 & 12/52	1	Kit, Lining, Consists of 4 Linings & 58 Rivets
1	1, 2	8N2027A	BTW 01/48 & 12/52	4	Anchor, Brakeshoe, Return Spring
1	3	86507105	BTW 01/48 & 12/52	4	Anchor, Brakeshoe, Return Spring
2	1	H2041	BTW 01/48 & 12/52	2	Screw, Brake Adjusting
3		8N2048	BTW 01/48 & 12/52	2	Socket, Brake Adjusting Screw
4		8M2049	BTW 01/48 & 12/52	2	Spring, Brakeshoe Adjusting Screw
5		H2092	BTW 01/48 & 12/52	2	Cover, Brake Adjusting Hole
6		8N2200B	BTW 01/48 & 12/52	2	Kit, Brakeshoe & Lining, Includes: (2) 8N2218B, Shoe & Lining, RH Upper & LH Lower; and (2) 8N2224B, Shoe & Lining
7	1	8N2212B	BTW 01/48 & 12/52	2	Plate Assy., Brake Backing
8		8N2217	BTW 01/48 & 12/52	2	Seal, Brake Dust
9		8N2223	BTW 01/48 & 12/52	2	Nut, Brake Adjusting Screw
10	1	8N2224	BTW 01/48 & 12/52	2	Cover, Brake Camshaft Hole
11		8N2255	BTW 01/48 & 12/52	2	Shield Assy., Brake Dust
12		8N2297B	BTW 01/48 & 12/52	2	Spring, Brakeshoe Retracting
13		8N2299	BTW 01/48 & 12/52	1	Spring, Brakeshoe Secondary, LH Brake Only

(1) No Longer Serviced

(2) Used On & BSN 248839

(3) Used On & ASN 248838

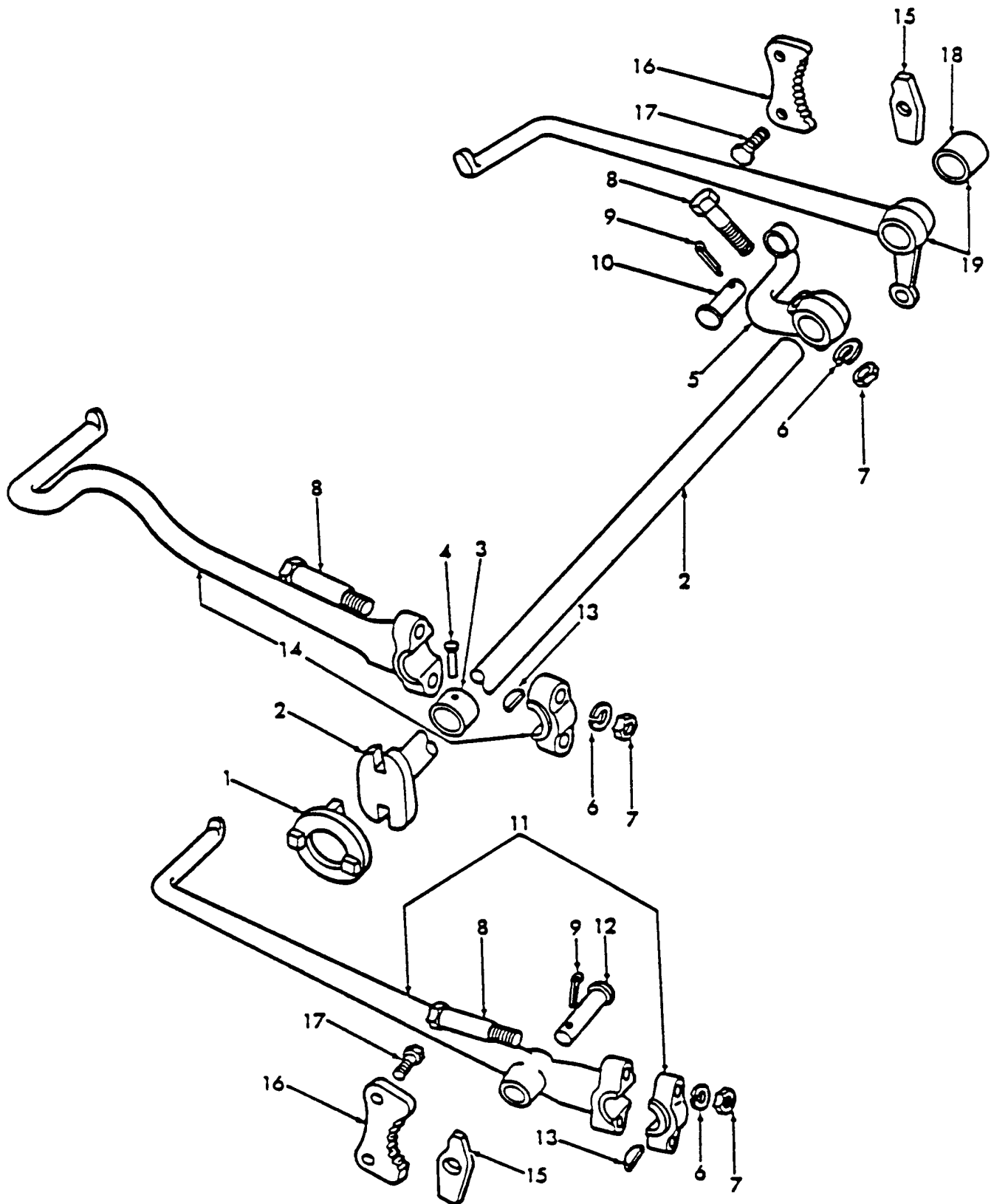
8N

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BRAKE CONTROLS & RELATED PARTS - 9N, 2N



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BRAKE CONTROLS & RELATED PARTS - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9N2050	BTW 01/39 & 12/47	2	Wedge, Brake Camshaft
2		9N2247	BTW 01/39 & 12/47	2	Camshaft, Brake Actuating
3		9N2248	BTW 01/39 & 12/47	2	Collar, Brake Camshaft
4		NLS	BTW 01/39 & 12/47	2	Pin, Collar to Brake Shaft, 1/8" x 1.38" {352472S}
5		PL	BTW 01/39 & 12/47	1	Arm, Brake Pawl
6		PL	BTW 01/39 & 12/47	AR	Washer, Lock, 7/16"
7		PL	BTW 01/39 & 12/47	AR	Nut, Hex, 7/16"-20
8		PL	BTW 01/39 & 12/47	1	Bolt, HH, 7/16"-20 x 2.25
9		PL	BTW 01/39 & 12/47	AR	Pin, Cotter, 1/8" x 1"
10		PL	BTW 01/39 & 12/47	1	Pin, Clevis, Arm to Pawl, 1/2" x 1-1/4"
11		NLS	BTW 01/39 & 12/47	1	Pedal, Brake, R.H., W/Cap {9N2455A}
12		PL	BTW 01/39 & 12/47	1	Pin, Clevis, R.H. Pedal to Pawl, 1/2" x 2.62"
13		PL	BTW 01/39 & 12/47	4	Key, Woodruff, Pedals to Brake Shaft, 1/4" x 1-1/8"
14	1	NLS	BTW 01/39 & 12/47	1	Pedal, Brake, L.H., W/Cap {9N2456A}
14	1	782477	BTW 01/39 & 12/47	2	Bushing, Brake, Cross Shaft
15		9N2796	BTW 01/39 & 12/47	2	Pawl, Brake
16		9N2796	BTW 01/39 & 12/47	2	Sector, Brake Pawl
17		PL	BTW 01/39 & 12/47	2	Bolt, HH, 7/16"-14 x 1.25
18		9N7508	BTW 01/39 & 12/47	1	Bushing, Clutch Pedal
19		9N7520	BTW 01/39 & 12/47	1	Pedal Assy., Clutch

(1) Not illustrated

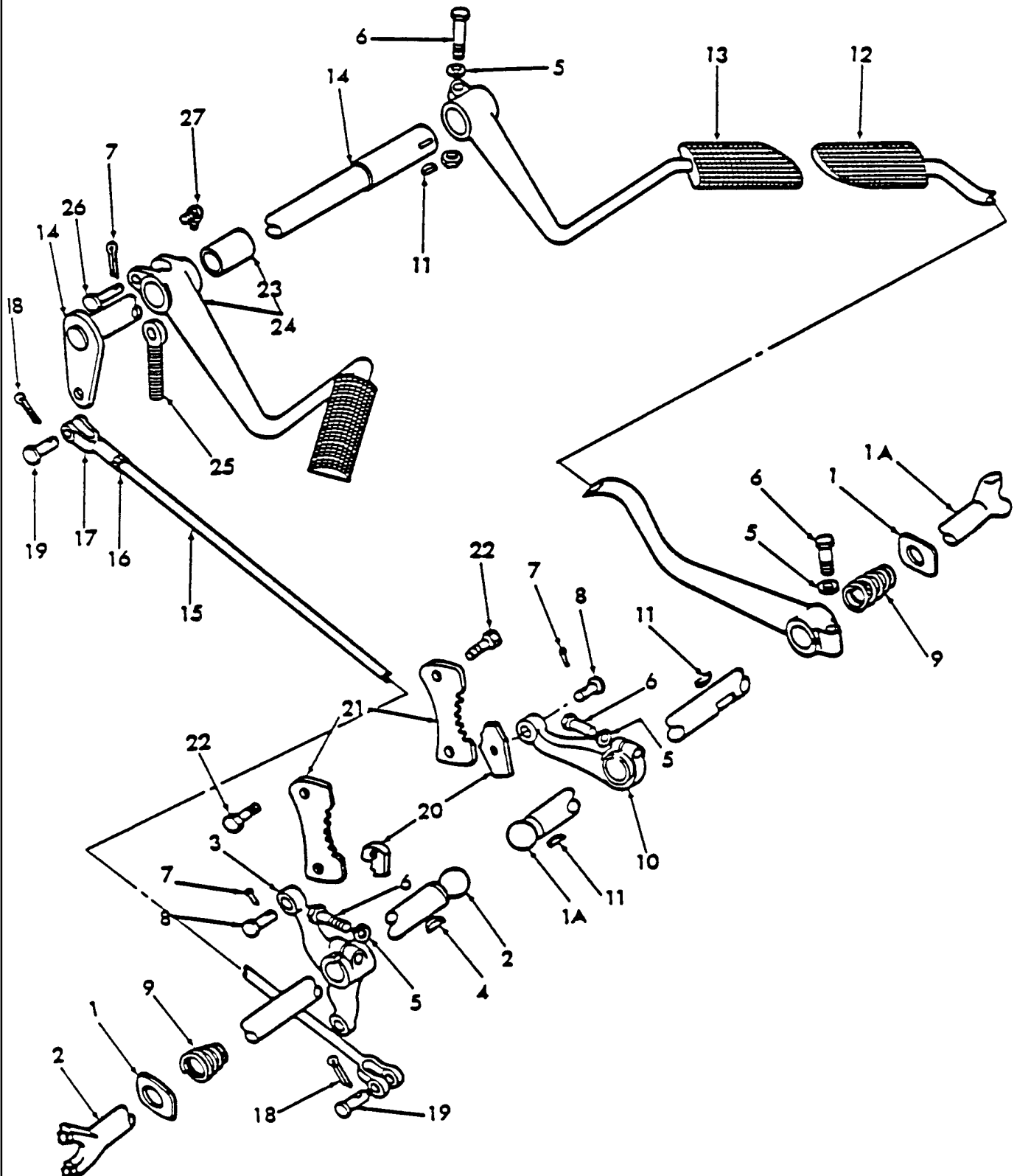
2N 9N

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BRAKE CONTROLS & RELATED PARTS - 8N



BRAKE CONTROLS & RELATED PARTS - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N2224	BTW 01/48 & 12/52	2	Cover, Brake Camshaft Hole
1A		8N2246	BTW 01/48 & 12/52	1	Camshaft, Brake Actuating, RH
2	1	8N2247	BTW 01/48 & 12/52	1	Camshaft, Brake Actuating, LH
3		NLS	BTW 01/48 & 12/52	1	Lever, Brake Camshaft, LH {8N2315}
4		PL	BTW 01/48 & 12/52	1	Key, Lever to Camshaft, 1/4" x 1-1/8"
5		PL	BTW 01/48 & 12/52	AR	Washer, Lock, 7/16"
6		PL	BTW 01/48 & 12/52	1	Bolt, HH, 7/16"-20 x 1.68
7		PL	BTW 01/48 & 12/52	AR	Pin, Cotter, 1/8" x 1"
8		PL	BTW 01/48 & 12/52	1	Pin, Clevis, Lever to Pawl, 1/2" x 1-3/8"
9		8N2322	BTW 01/48 & 12/52	2	Spring, Brake, Camshaft Hole Cover
10	1	8N2324	BTW 01/48 & 12/52	1	Arm, Brake Pawl
11		PL	BTW 01/48 & 12/52	1	Key, Woodruff, Arm to Camshaft, 1/4" x 1-1/8"
11		PL	BTW 01/48 & 12/52	1	Key, Woodruff, Pedals to Brake Shaft, 1/4" x 1-1/8"
11		PL	BTW 01/48 & 12/52	1	Key, LH Pedal to Cross Shaft, 1/4" x 1-1/8"
12	1	8N2455	BTW 01/48 & 12/52	1	Pedal, Brake, RH
13	1	8N2456A	BTW 01/48 & 12/52	1	Pedal, Brake, LH
14	1	NCA2458A	BTW 01/48 & 12/52	1	Shaft, Brake Pedal, Cross
15	1	8N2465	BTW 01/48 & 12/52	1	Rod Assy., Brake Control, 35.15" Lg.
16		PL	BTW 01/48 & 12/52	1	Nut, Hex, 3/8"-24
17		PL	BTW 01/48 & 12/52	1	Clevis, Adjustable, 3/8" x 2-1/2"
18		PL	BTW 01/48 & 12/52	2	Pin, Cotter, 1/8" x 5/8"
19		PL	BTW 01/48 & 12/52	2	Pin, Clevis, Brake Rod Assy., 3/8" x 1-1/8"
19	2	782477	BTW 01/48 & 12/52	2	Bushing, Brake Camshaft
19	2	782477	BTW 01/48 & 12/52	2	Bushing, Brake Cross Shaft
20	1	9N2786	BTW 01/48 & 12/52	1	Pawl, Brake, R.H.
20	1	8N2786	BTW 01/48 & 12/52	1	Pawl, Brake, L.H.
21	1	8N2796	BTW 01/48 & 12/52	2	Sector, Pawl Brake
22		PL	BTW 01/48 & 12/52	4	Bolt, HH, Sector to Cover, 7/16"-14 x 1.25
23	1, 3	8N7508A	BTW 01/48 & 12/52	1	Bushing, Clutch Pedal, Used W/8N7520A
23	1	8N7508B	BTW 01/48 & 12/52	1	Bushing, Clutch Pedal, Used W/NAA7519B
24	1	NAA7519B	BTW 01/48 & 12/52	1	Pedal Assy., Clutch

(1) No Longer Serviced

(2) Not illustrated

(3) Used On & Before S/N 27924

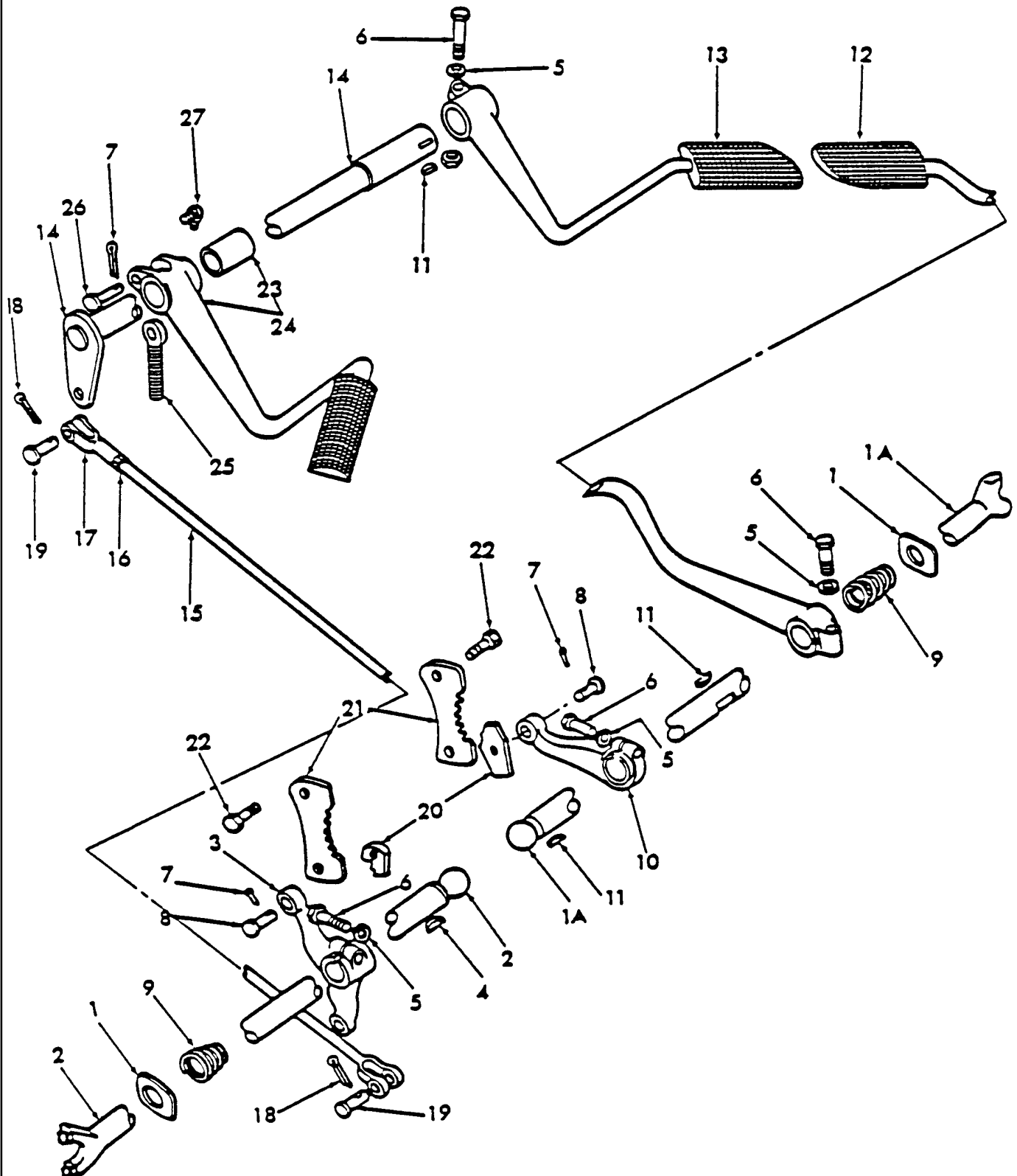
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BRAKE CONTROLS & RELATED PARTS - 8N



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BRAKE CONTROLS & RELATED PARTS - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
25		355584S8	BTW 01/48 & 12/52	1	Eyebolt, Pedal Assy. to Clutch Release Shaft, 7/16"-20 x 2.68
26		PL	BTW 01/48 & 12/52	1	Pin, Clevis, Pedal Assy. to Eyebolt, 3/8" x 1-5/16"
27		PL	BTW 01/48 & 12/52	1	Fitting, Lube, Clutch Pedal, 1/8"-85°

8N

SECTION INDEX

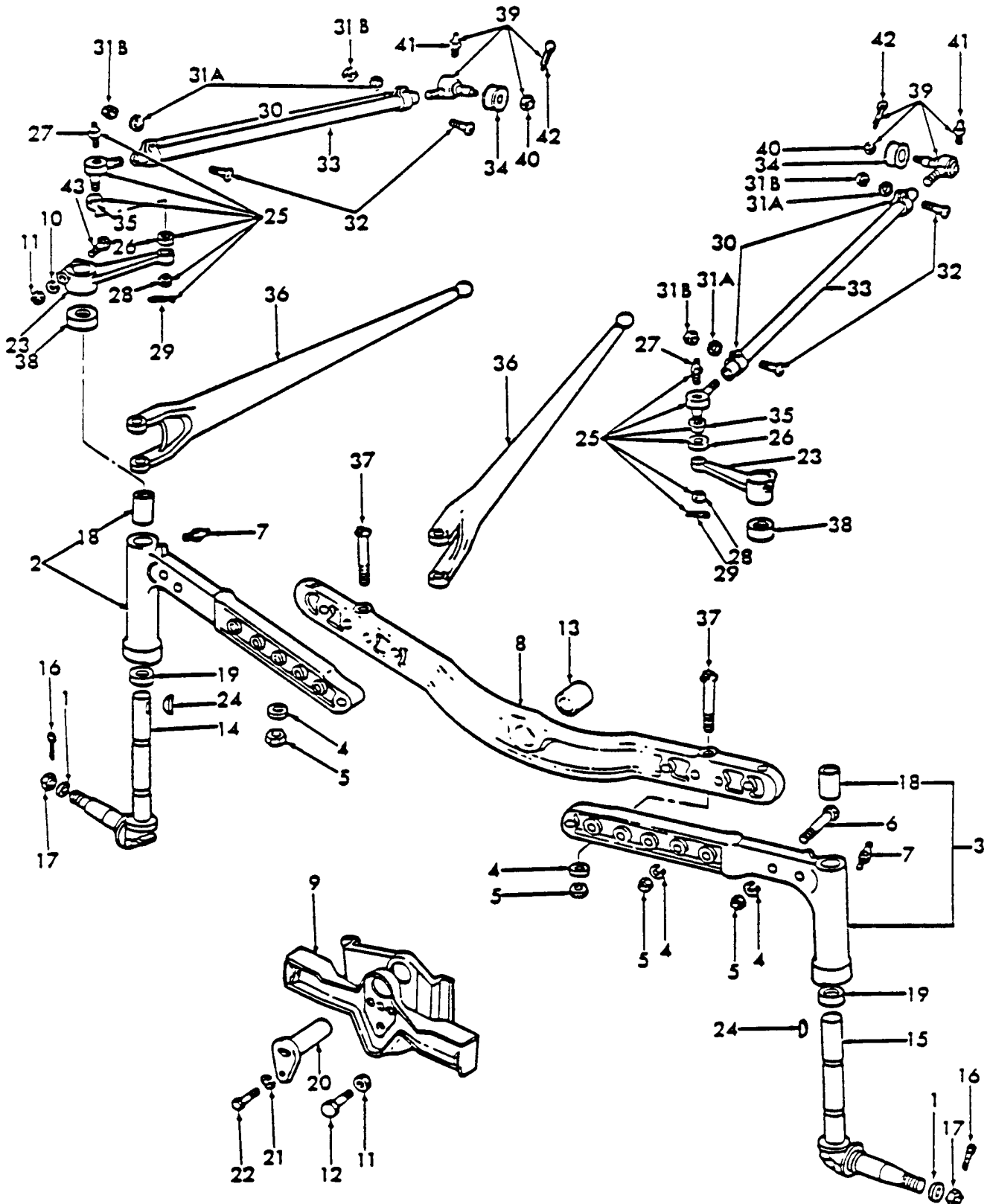
03A01	FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N
03A0A	STEERING DRAG LINK & END KIT CHART
03B01	STEERING GEAR & RELATED PARTS - 9N, 2N
03C01	STEERING GEAR & RELATED PARTS, 8N BSN 216989
03C02	STEERING GEAR & RELATED PARTS, 8N ASN 216989

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FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N



03A01

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FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		C5NN1N195A	BTW 01/39 & 12/52	2	Washer, Front Hub, Bearing Retainer
2	1	9N3006A	BTW 01/39 & 12/47	1	Axle Assy., Front, RH, 9N, 2N
2	1	8N3006A	BTW 01/48 & 12/52	1	Axle Assy., Front, RH, 8N
3		NS	BTW 01/39 & 12/47	1	Axle Assy., Front, LH, 9N, 2N
3		NS	BTW 01/48 & 12/52	1	Axle Assy., Front, LH, 8N
4		351505S8	BTW 01/39 & 12/52	4	Washer, Flat, 5/8"
5		PL	BTW 01/39 & 12/52	4	Nut, Hex, 5/8"-18
6		SS30193ZDS	BTW 01/39 & 12/52	4	Screw, Cap, HH, G5, 5/8"-18 x 3-1/2", RH & LH Axle Assy. to Center Axle
7		PL	BTW 01/39 & 12/52	2	Fitting, Lube, Front Axle, 1/8"
8		D9NN3010EA	BTW 01/39 & 12/52	1	Axle Assy., Front Center, No Longer Used
9	1	9N3029A	BTW 01/39 & 12/52	1	Support Assy., Front Axle
10		PL	BTW 01/39 & 12/52	AR	Washer, Lock, 7/16"
11		PL	BTW 01/39 & 12/52	AR	Nut, Hex, 7/16"-20
12		PL	BTW 01/39 & 12/52	6	Bolt, HH, Axle Support to Oil Pan, 7/16"-20 x 1-1/4"
13		2N3039	BTW 01/39 & 12/52	1	Bushing, Front Axle
14		2N3105	BTW 01/39 & 12/47	1	Spindle Assy., Front Wheel, RH, 9N, 2N
14		8N3105B	BTW 01/48 & 12/52	1	Spindle Assy., Front Wheel, RH, 8N
15		2N3106	BTW 01/39 & 12/47	1	Spindle Assy., Front Wheel, LH, 9N, 2N
15		8N3106B	BTW 01/48 & 12/52	1	Spindle Assy., Front Wheel, LH, 8N
16		PL	BTW 01/39 & 12/52	AR	Pin, Cotter, 5/32" x 1-1/4"
17		387930S36	BTW 01/39 & 12/52	2	Nut, Castle, Spindle to Hub & Bolt Assy., 3/4"-16
18		2N3109	BTW 01/39 & 12/52	4	Bushing, Front Wheel Spindle
18	1	9N3122	BTW 01/39 & 12/47	2	Pin, Front Axle Spindle, 9N, 2N
19		C0NN3123B	BTW 01/39 & 12/52	2	Bearing Assy., Front Wheel Spindle Pin
20	2	2N3126D	BTW 01/42 & 12/52	1	Pin, Front Axle, 2N, 8N
20	3	2N3126E	BTW 01/42 & 12/47	1	Pin, Front Axle, 2N
21		PL	BTW 01/39 & 12/52	AR	Washer, Lock, 1/2"
22		PL	BTW 01/42 & 12/52	1	Bolt, HH, Pin to Axle Support, 1/2"-20 x 1-1/8" 2N, 8N
23	1	2N3130	BTW 01/39 & 12/47	1	Arm, Front Axle Spindle, RH, 9N, 2N
23	1, 4	8N3130A	BTW 01/48 & 12/52	2	Arm, Front Axle Spindle, 8N

- (1) No Longer Serviced
 (2) Used On & ASN 164488
 (3) Used On & BSN 167489
 (4) Used On & BSN 451959

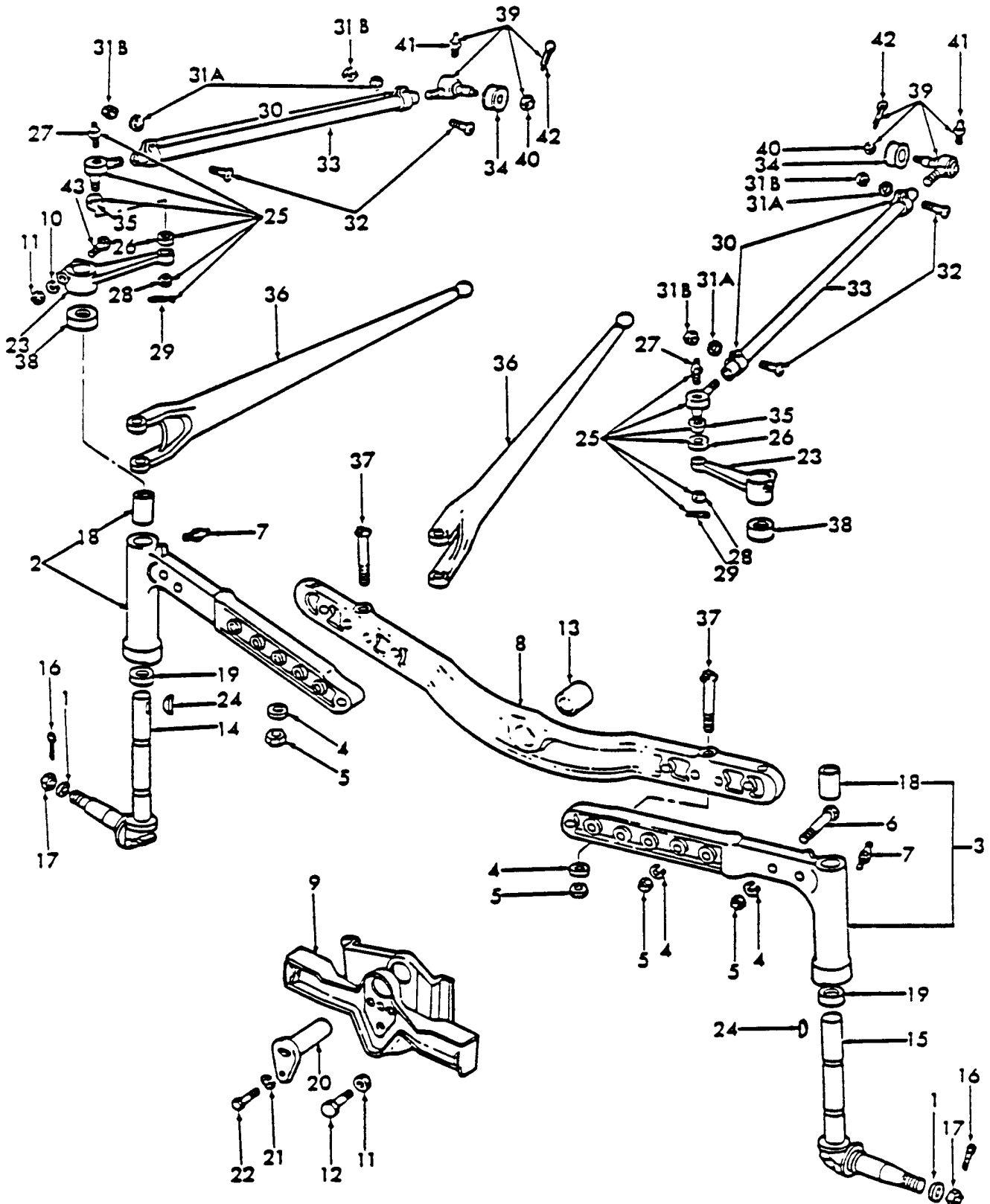
2N 9N 8N

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FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N



FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23	¹	310799	From 01/52	2	Arm, Front Axle Spindle, 8N
23	²	2N3131	BTW 01/39 & 12/47	1	Arm, Front Axle Spindle, LH, 9N, 2N
24		PL	BTW 01/48 & 12/52	2	Key, Woodruff, 1/4" x 7/8", 8N
24		PL		AR	Key, Woodruff, 5/16 x 1-1/4", Arm to Spindle
25		9N3270B	BTW 01/39 & 12/47	2	Kit, Steering Drag Link, Front End, Refer to Chart for Usage, 9N, 2N Includes: (1) 9N3290A, End Assy., & Ref. 26 thru 29
25		NAA3270A	BTW 01/39 & 12/52	2	Kit, Steering Drag Link, Front End, Refer to Chart for Usage, 9N, 2N, 8N Includes: (1) NAA3270A, End Assy., & Ref. 26 thru 29
25		8N3270C	BTW 01/48 & 12/52	2	Kit, Steering Drag Link, Front End, Refer to Chart for Usage, 8N, Includes: (1) 8N3290C End Assy., & Ref. 26 thru 28
25		8N3270A	BTW 01/48 & 12/52	2	Kit, Steering Drag Link, Front End, Refer to Chart for Usage, 8N, Use W/8N3130A, Includes: (1) 8N3290A, End Assy., & Ref. 26 thru 28
25		NLS	BTW 01/39 & 12/47	1	End Assy., 9N, 2N {9N3290A}
26		8M3332	BTW 01/39 & 12/47	1	Seal
27		PL	BTW 01/39 & 12/47	1	Fitting, Lube, 1/4"-28
28		PL	BTW 01/39 & 12/47	1	Nut, Hex, Slotted, 1/2"-20
29		PL	BTW 01/39 & 12/47	1	Pin, Cotter
30		957E3287	BTW 01/48 & 12/52	AR	Clamp, Spindle, Connecting Rod, 8N
31A		PL	BTW 01/39 & 12/52	AR	Washer, Lock, 5/16"
31B		350947S8	BTW 01/39 & 12/52	AR	Nut, Hex, 5/16"-24
32		357344S8	BTW 01/39 & 12/52	AR	Bolt, Clamp to Sleeve, 5/16"-24 x 1.4"
33		8N3314D	BTW 01/48 & 12/52	2	Sleeve, Steering Drag Link, Adjusting, Refer to Chart Page, 8N
34		A0NN3324A	BTW 01/39 & 12/52	2	Cover Assy., or Seal, Steering Linkage, Ball Stud Dust, Rear Cover Assy.
34		NLS	BTW 01/39 & 12/47	2	Cover Assy., or Seal, Steering Linkage, Ball Stud Dust, Front Seal, 9N, 2N {783332}
35		783336	BTW 01/39 & 12/47	2	Retainer, Steering Linkage, Ball Stud, 9N, 2N
36		2N3405B	BTW 01/39 & 12/47	2	Rod Assy., Front Radius, 9N, 2N

(1) Used On & ASN 451958 * No Longer Serviced

(2) No Longer Serviced

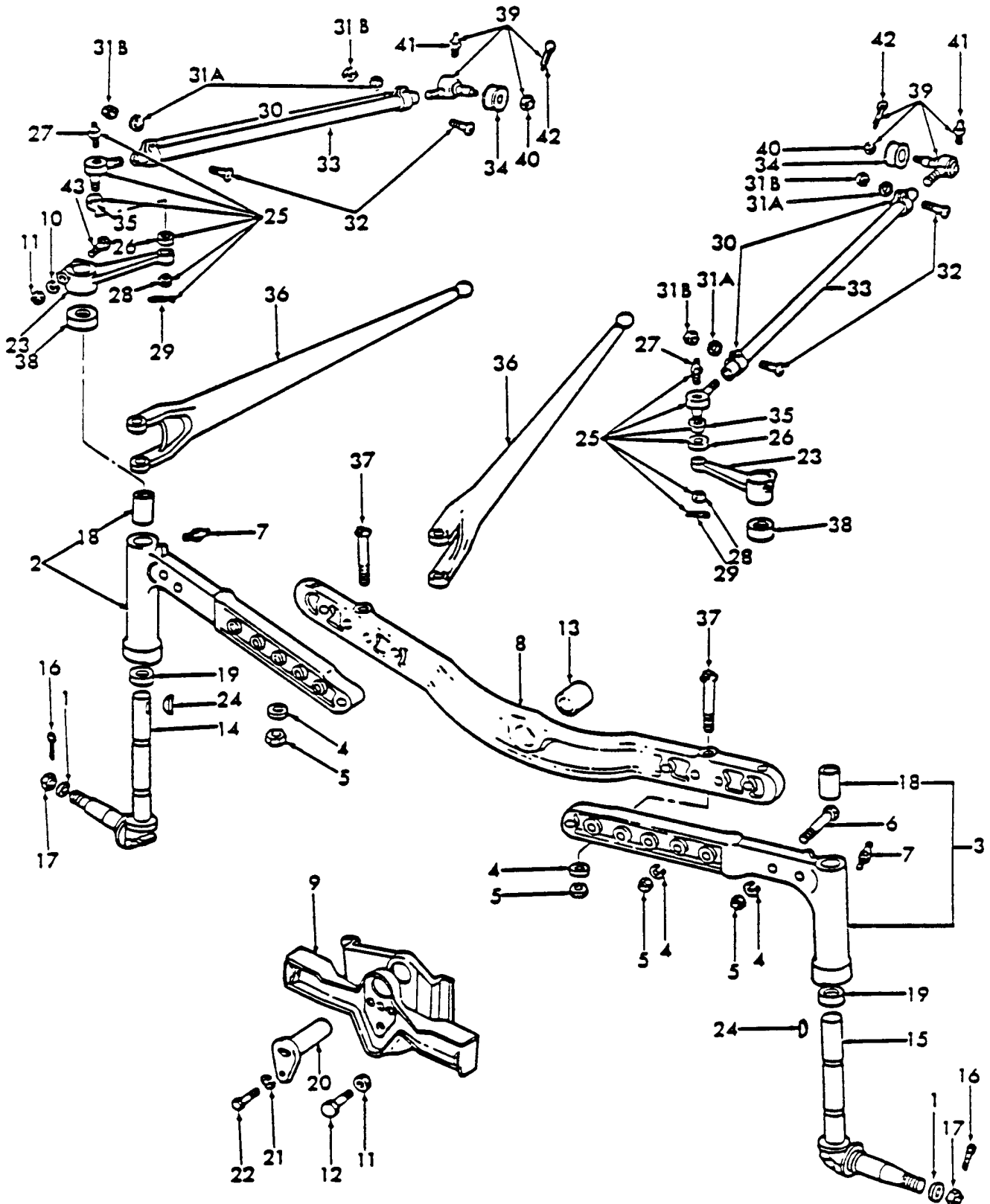
2N 9N 8N

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FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N



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p3

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FRONT AXLE & RELATED PARTS (1939/52) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
36		C5NN3405A	BTW 01/48 & 12/52	2	Rod Assy., Front Radius, 8N
37		PL	BTW 01/39 & 12/47	2	Bolt, HH, Radius Rod to Front Axle, 5/8"-18 x 5.31" 9N, 2N
37		86531713	BTW 01/39 & 12/52	2	Screw, Cap, HH, G5, 5/8"-18 x 5", Radius Rod
38		9N3528	BTW 01/39 & 12/47	2	Seal, Steering, Spindle Arm, Dust, 9N, 2N
38		C5NN3125A	BTW 01/48 & 12/52	2	Seal, Steering Spindle Arm, Dust, 8N
39		NAA33271A	BTW 01/39 & 12/52	2	Kit, Steering, Drag Link End Includes: (1) NAA3307B, End Assy., & Ref. 40 & 41
39		NLS	BTW 01/39 & 12/52	1	End Assy. {NAA3307B}
40		PL	BTW 01/39 & 12/52	1	Nut, Hex, Slotted, 1/2"-20
41		PL	BTW 01/39 & 12/52	1	Fitting, Lubricator, 1/4"-28
42		PL	BTW 01/39 & 12/52	2	Pin, Cotter, 3/32" x 7/8"
43		PL	BTW 01/39 & 12/52	2	Bolt, Hex, Arm to Spindle, 7/16"-20 x 2-1/4"
					2N 9N 8N

STEERING DRAG LINK & END KIT CHART

Steering Drag Link and End Kit Chart

To replace complete Drag Link Assemblies 3304 or 3305 refer to chart for components.

MODEL	EQUIPPED WITH			SERIAL NUMBERS	REPLACE WITH			
	Steering Gear Assy's.	Spindle Arm	Front Center Axle		Front Kit	Sleeve RH	Sleeve LH	Rear Kit
9N, 9NAN 2N, 2NAN	9N-3501	9N-3130 & 31 2N-3130 & 31	9N-3010-A	All 9N, 9NAN 2N, 2NAN	NAA-3270-A	8N-33315 34.5" long	8N-33315 34.5" long	NAA-33271-A
8N, 8NAN	8N-3503-A	8N-3130-A	8N-3010-A	Before Ser. 216,989	8N-3270-A or 8N-3270-C	8N-33315 34.5" long	8N-3314-D 32.8" long	NAA-33271-A
8N, 8NAN	8N-3503-B	8N-3130-A	8N-3010-A	After Ser. 216,988 & Before Ser. 451,959	8N-3270-A or 8N-3270-C	8N-3314-D 32.8" long	8N-33315 34.5" long	NAA-33271-A
8N, 8NAN	8N-3503-B	8N-3130-B	8N-3010-A	After Ser. 451,958	NAA-3270-A	8N-3314-D 32.8" long	8N-33315 34.5" long	NAA-33271-A
9N, 9NAN 2N, 2NAN	9N-3501	9N-3130 & 31 or 2N-2130 & 2N-3131	NAA-3010-B2	All 9N, 9NAN 2N, 2NAN	NAA-3270-A	8N-33315 34 5" long	8N-33315 34.5" long	NAA-33271-A
8N, 8NAN	8N-3503-A	8N-3130-A	NAA-3010-B2	Before Ser. 216,989	8N-3270-C	8N-33315 34.5" long	8N-3314-D 32.8" long	NAA-33271-A
8N, 8NAN	8N-3503-B	8N-3130-A	NAA-3010-B2	After Ser. 216,988 & Before Ser. 451,959	8N-3270-C	8N-3314-D 32.8" long	8N-33315 34.5" long	NAA-33271-A
8N, 8NAN	8N-3503-B	8N-3130-B	NAA-3010-B2	After Ser. 451,958	NAA-3270-A	8N-3314-D 32.8" long	8N-33315 34.5" long	NAA-33271-A

WHEN REPLACING COMPLETE DRAG LINK WITH COMPONENTS AS SHOWN IN ABOVE CHART USE 2 PIECES
 8N-3287 Clamp, 1 Each End of Sleeve and Secure Each With: 357344-S8 BOLT 5/16"-24 x 1.4" Carriage Head
 350947-S8* NUT 5/16"-24 Hex Head
 34806-S8 LOCKWASHER 5/16"

IF STEERING GEAR ASSY OR SPINDLE ARM HAS BEEN CHANGED TO OTHER THAN ORIGINAL EQUIPMENT
 DISREGARD SERIAL NUMBERS AND USE COMPONENTS SHOWN FOR EQUIPMENT BEING USED.

To replace Front Drag Link Kit only with original Drag Link Assembly and
 original Front Center Axle see chart below.

MODEL	EQUIPPED WITH			SERIAL NUMBERS	Use Front Kit
	Steering Gear Assy's.	Spindle Arm	Front Center Axle		
9N, 9NAN 2N, 2NAN	9N-3501	9N-3130 & 31 2N-3130 & 31	9N-3010-A	All 9N, 9NAN 2N, 2NAN	9N-3270-B
8N, 8NAN	8N-3503-A	8N-3130-A	8N-3010-A	Before Ser. 216,989	8N-3270-A
8N, 8NAN	8N-3503-B	8N-3130-A	8N-3010-A	After Ser. 216, 988 & Before Ser. 451, 959	8N-3270-A
8N, 8NAN	8N-3503-B	8N-3130-B	8N-3010-A	After Ser. 451, 958	NAA-3270-A

To replace Front Drag Link Kit only with original Drag Link Assembly and
 Front Center Axle replaced by NAA-3010-B2 see chart below.

MODEL	EQUIPPED WITH			SERIAL NUMBERS	Use Front Kit
	Steering Gear Assy's.	Spindle Arm	Front Center Axle		
9N, 9NAN 2N, 2NAN	9N-3501	9N-3130 & 31 2N-3130 & 31	NAA-3010-B2	All 9N, 9NAN 2N, 2NAN	9N-3270-B
8N, 8NAN	8N-3503-A	8N-3130-A	NAA-3010-B2	Before Ser. 216, 989	8N-3270-C
8N, 8NAN	8N-3503-B	8N-3130-A	NAA-3010-B2	After Ser. 216, 988 & Before Ser. 451, 959	8N-3270-C
8N, 8NAN	8N-3503-B	8N-3130-B	NAA-3010-B2	After Ser. 451, 958	NAA-3270-A

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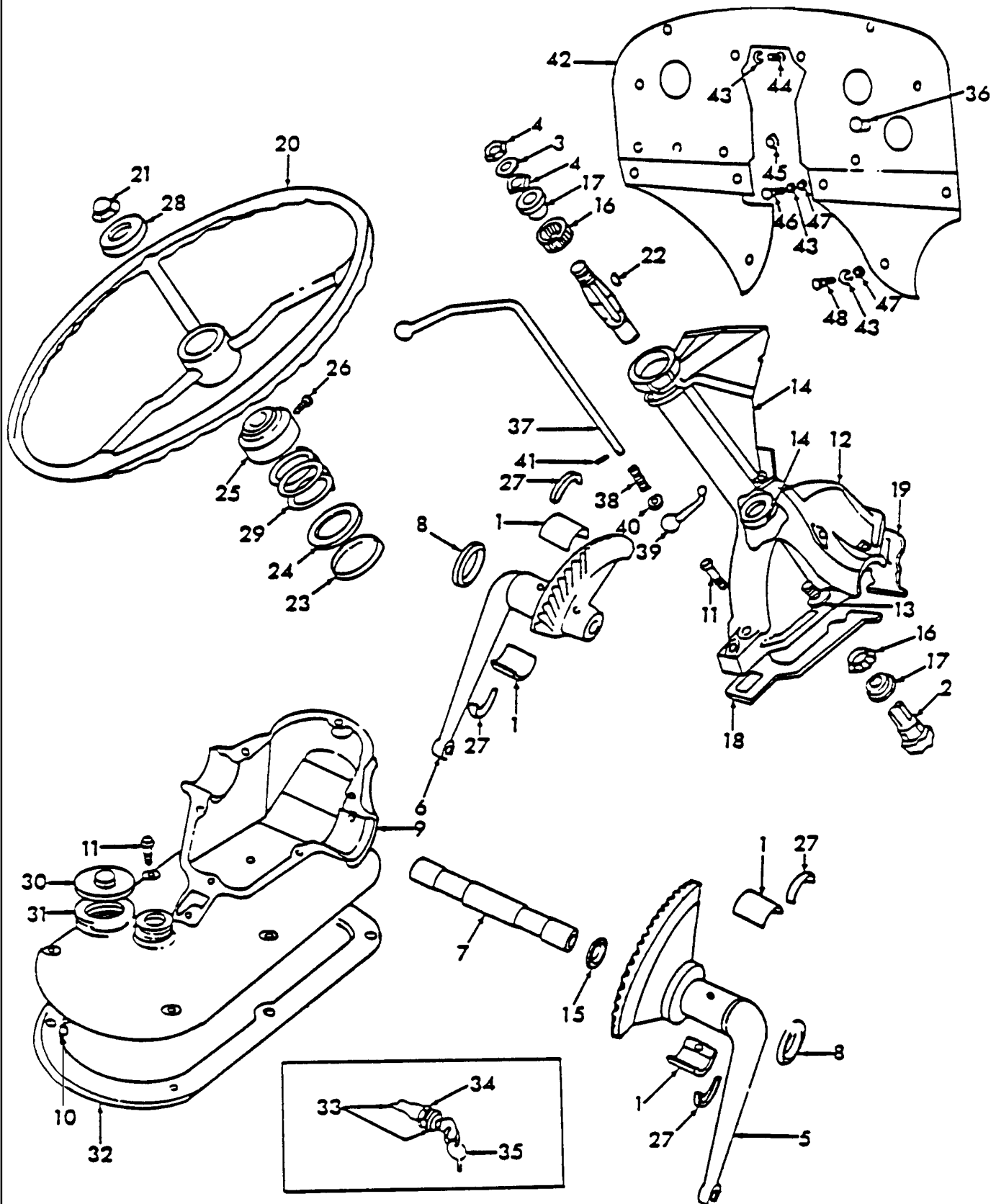
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STEERING DRAG LINK & END KIT CHART

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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	2N 9N 8N
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STEERING GEAR & RELATED PARTS - 9N, 2N



03B01

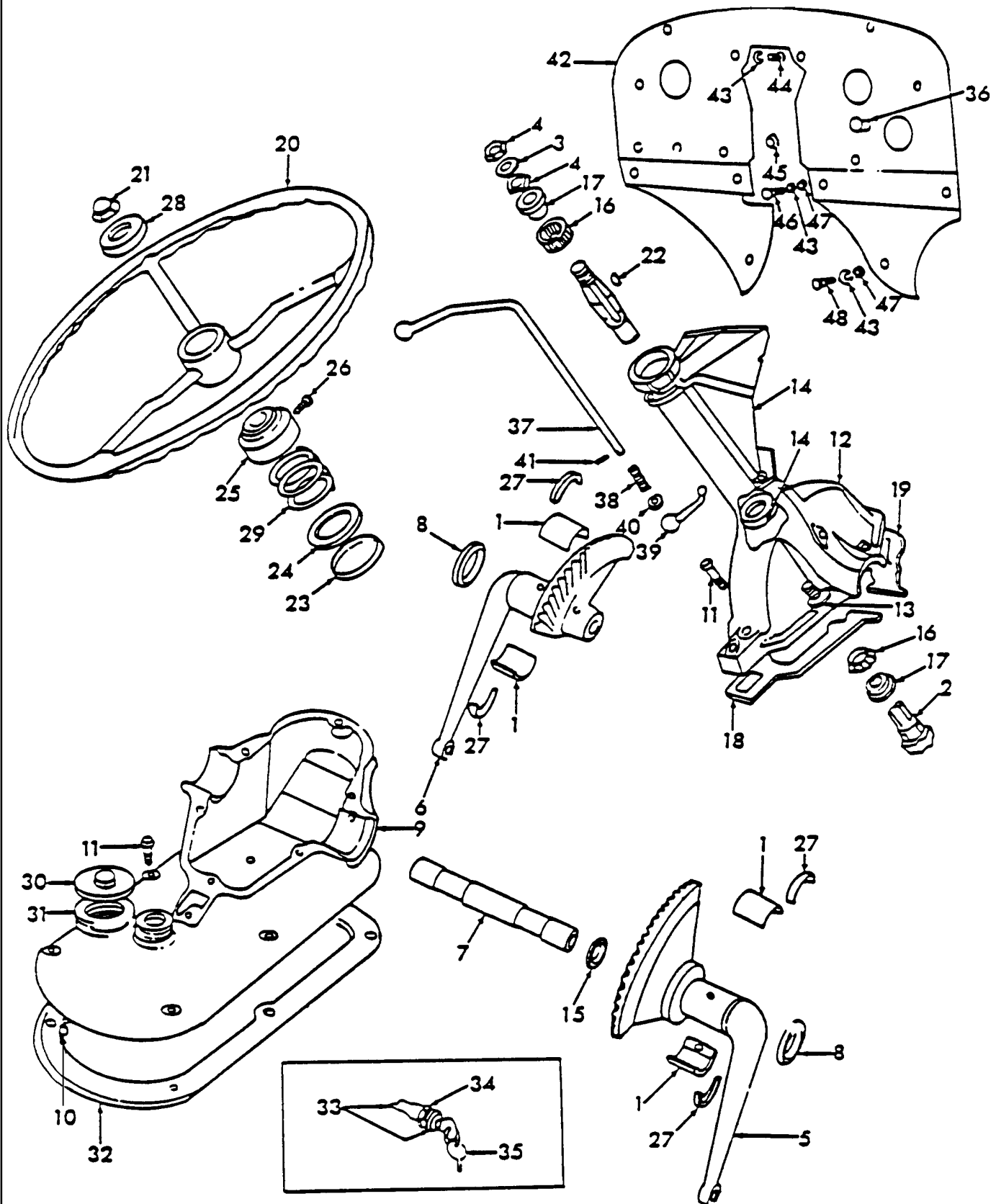
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STEERING GEAR & RELATED PARTS - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9N3517	BTW 01/39 & 12/47	4	Bushing, Steering Gear Sector & Pitman Shaft, Half Round
2		9N3525	BTW 01/39 & 12/47	1	Shaft Assy., Steering
3		PL	BTW 01/39 & 12/47	1	Washer, Lock, 13/16"
4		PL	BTW 01/39 & 12/47	2	Nut, Hex, Steering Post, 13/16"-28
5		9N3526	BTW 01/39 & 12/47	1	Sector, Steering Gear, RH
6		9N3527	BTW 01/39 & 12/47	1	Sector, Steering Gear, LH
7		9N3540	BTW 01/39 & 12/47	1	Shaft, Steering Gear, Sector or Pitman
8		9N3543A	BTW 01/39 & 12/47	AR	Washer, Thrust, Steering Sector, Outer, .122" Thick
8		9N3543B	BTW 01/39 & 12/47	AR	Washer, Thrust, Steering Sector, Outer, .124" Thick
8		9N3543C	BTW 01/39 & 12/47	AR	Washer, Thrust, Steering Sector, Outer, .126" Thick
9		NLS	BTW 01/39 & 12/47	1	Housing Assy., Steering Gear, Lower, Used W/9N3551E Housing, 9N
9		NLS	BTW 01/39 & 12/47	1	Housing Assy., Steering Gear, Lower, Used W/9N-3551-D Housing
10		PL	BTW 01/39 & 12/47	1	Plug, Expansion, 5/16"
11		PL	BTW 01/39 & 12/47	6	Bolt, HH, 7/16"-14 x 1.50"
12		NLS	BTW 01/39 & 12/47	1	Cover, Steering Gear Housing, Upper, Used W/9N-3550-C
12		NLS	BTW 01/39 & 12/47	1	Cover, Steering Gear Housing, Upper, Used W/9N3550A, 9N
13		PL	BTW 01/39 & 12/47	4	Bolt, HH, Upper to Lower Housing, 7/16"-14 x 1.12"
14		B3552	BTW 01/39 & 12/47	2	Cup, Steering Gear, Thrust Bearing
15		9N3563A	BTW 01/39 & 12/47	AR	Washer, Thrust, Steering Sector, Inner, .255" Thick
15		9N3563B	BTW 01/39 & 12/47	AR	Washer, Thrust, Steering Sector, Inner, .250" Thick
15		NLS	BTW 01/39 & 12/47	AR	Washer, Thrust, Steering Sector, Inner, .245" Thick
16		683571A	BTW 01/39 & 12/47	2	Bearing, Thrust, Steering Gear Worm
17		9N3573	BTW 01/39 & 12/47	2	Cone, Steering Column
18		9N3593B	BTW 01/39 & 12/47	1	Shim, Steering Gear Housing, End Cover, Gasket to Lower Steering Housing, Rear
19		9N3594	BTW 01/39 & 12/47	1	Shim, Steering Gear Housing, End Cover, Gasket, Upper to Lower Steering Housing, Front
20		E0NN3600AA	BTW 01/39 & 12/47	1	Wheel Assy., Steering
21		351103S8	BTW 01/39 & 12/47	1	Nut, Hex, Steering Wheel to Shaft, 5/8"-18
22		B3609	BTW 01/39 & 12/47	1	Key, Steering Wheel to Steering Gear Shaft
					2N 9N

STEERING GEAR & RELATED PARTS - 9N, 2N



STEERING GEAR & RELATED PARTS - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23		9N3660	BTW 01/39 & 12/47	1	Seal, Steering Column, Dust
24		9N3661	BTW 01/39 & 12/47	1	Retainer, Steering Column, Dust Seal
25		PL	BTW 01/39 & 12/47	1	Cap, Steering Wheel, Used W/9N3600B Only, 9N
25		9N3669	BTW 01/39 & 12/47	1	Cap Assy., Steering Column
26		PL	BTW 01/39 & 12/47	1	Fitting, Lube, Steering Column Cap, 1/4"-28
27		9N3670	BTW 01/39 & 12/47	4	Packing, Steering Gear, Sector Shaft
28		2N3673	BTW 01/39 & 12/47	1	Washer, Steering Wheel
29		9N3699	BTW 01/39 & 12/47	1	Spring, Bearing, Steering Column
30		9N7010	BTW 01/39 & 12/47	1	Plug or Cap, Transmission Filler
31		8N7011	BTW 01/39 & 12/47	1	Gasket, Plug, Transmission Filler
32	1	9N7223A	BTW 01/39 & 12/42	1	Gasket, Gearshift Cover, 8 Holes Oblong, 17.80 Long x .020/.022" Thick
32	2	9N7223B	BTW 01/43 & 12/47	1	Gasket, Gearshift Cover, 6 Holes Oblong, 17.80 Lg. x .020/.030 Thick
33		8N3679C	BTW 01/39 & 12/47	1	Lock & Wire Assy., Ignition, W/2 Keys, Includes: Ref. 34 & 35
34		PL	BTW 01/39 & 12/47	1	Nut, Hex, Lock to Housing, 1-3/16"-20
35		9N3685B	BTW 01/39 & 12/47	2	Key, Ignition, Universal Series 1053
36		9828014	BTW 01/39 & 12/47	1	Knob, Choke
37		9N9805	BTW 01/39 & 12/47	1	Lever, Throttle Control
38		PL	BTW 01/39 & 12/47	1	Spring, Lever
39		9N9807	BTW 01/39 & 12/47	1	Arm Assy., Throttle Control
40		PL	BTW 01/39 & 12/47	1	Retainer, Lever Spring
41		9N9819A	BTW 01/39 & 12/47	1	Pin, Control Lever to Control Rod, Used W/9N9805
42		NLS	BTW 01/39 & 12/47	1	Panel Assy., Instrument, Used W/9N-3551-D
43		PL	BTW 01/39 & 12/47	6	Washer, Lock, 5/16"
44		PL	BTW 01/39 & 12/47	2	Bolt, Hex, 5/16"-18 x .56
45		PL	BTW 01/39 & 12/47	1	Plug, Light Switch Hole, 3/8"
46		355471S8	BTW 01/39 & 12/47	2	Bolt, Carriage, 5/16"-24 x .75
47		PL	BTW 01/39 & 12/47	6	Nut, Hex, 5/16"-24
48		PL	BTW 01/39 & 12/47	2	Bolt, Hex, 5/16"-24 x 1"
49	3	9N9700A	BTW 01/39 & 12/47	1	Rod Assy., Choke Control, Used W/Battery Ignition

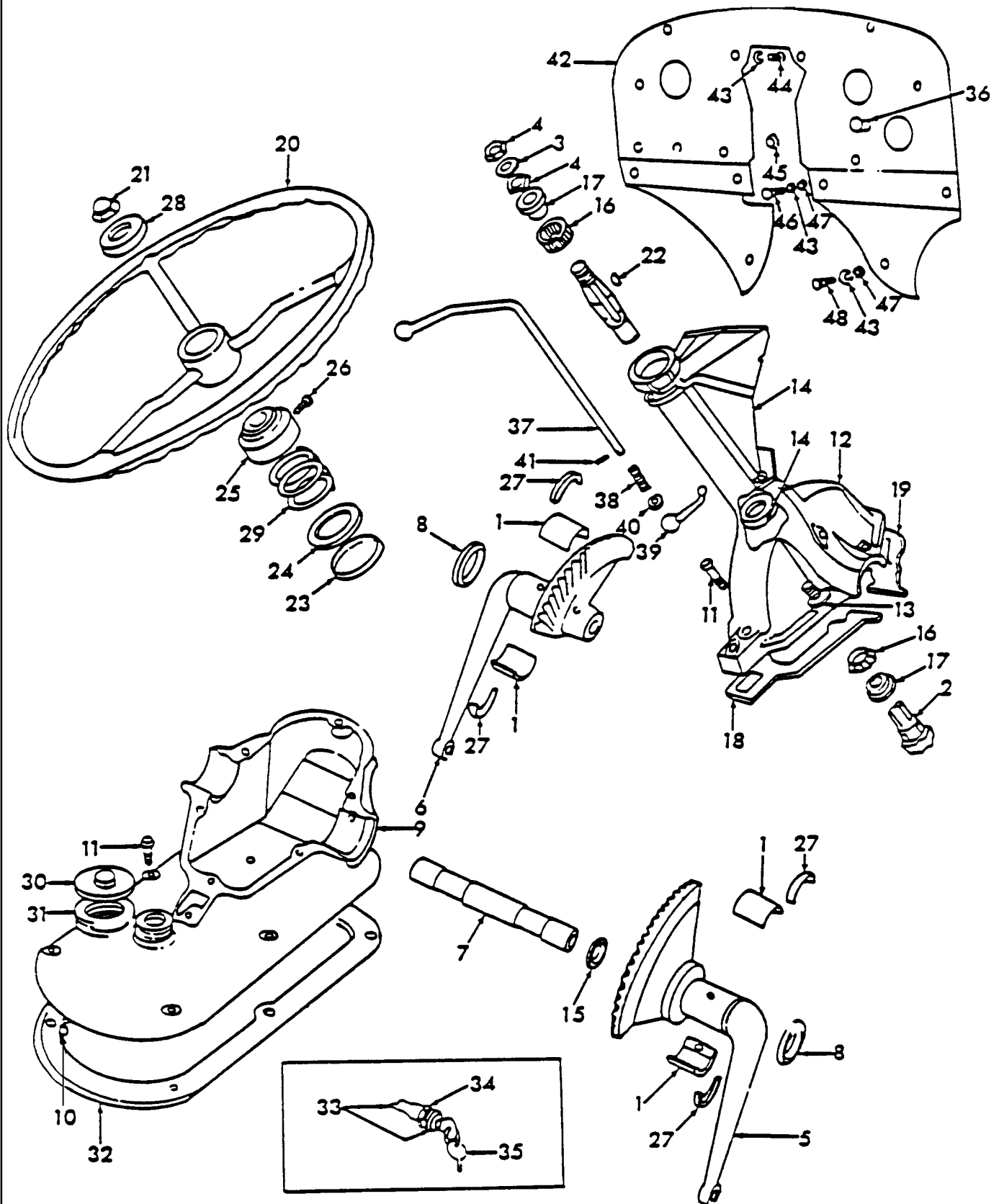
(1) Used On & BSN 47508

(2) Used On & ASN 47507 * No Longer Serviced

(3) Not illustrated

2N 9N

STEERING GEAR & RELATED PARTS - 9N, 2N



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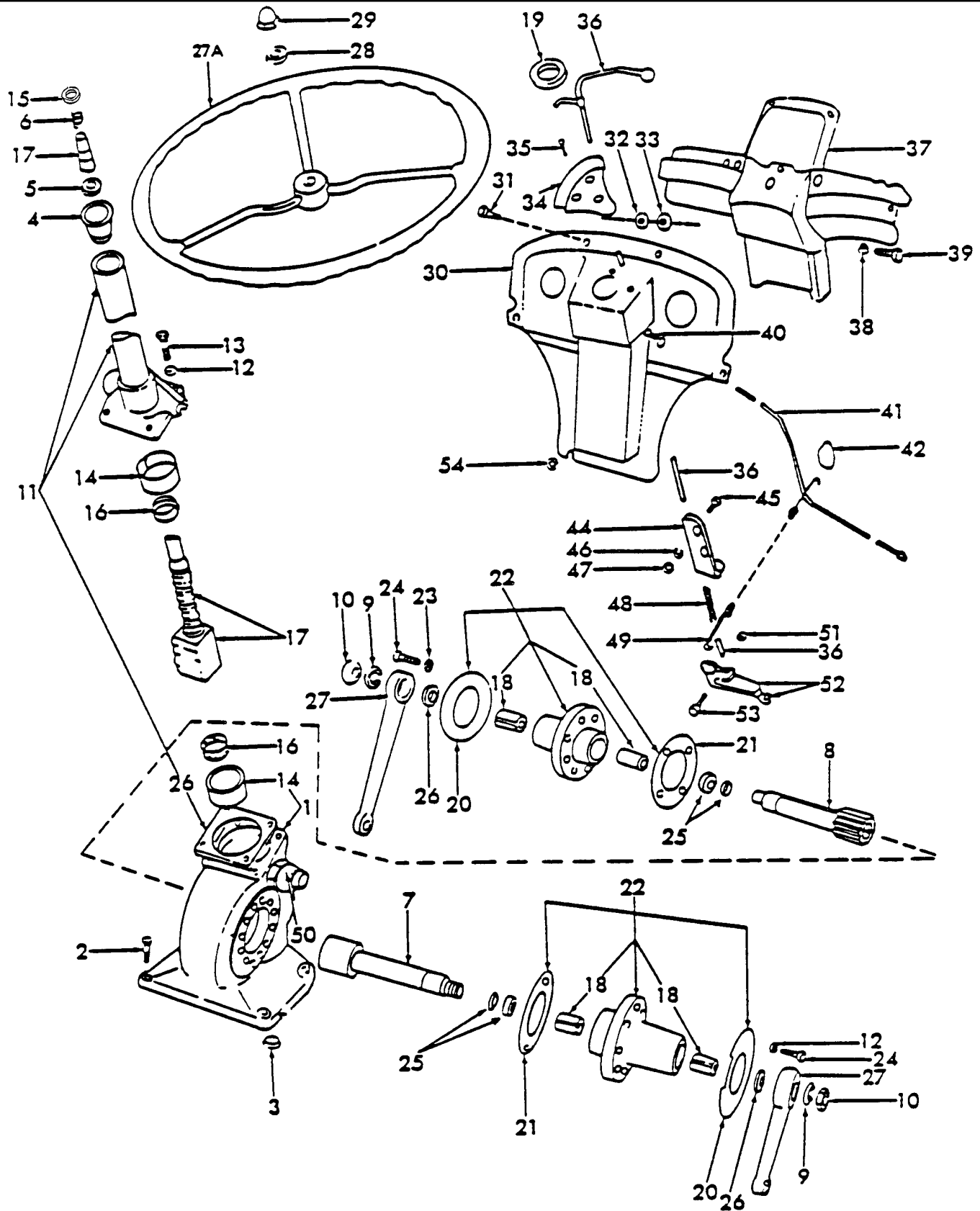
STEERING GEAR & RELATED PARTS - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
50	1	9N9810		1	Socket, 3" Long, Throttle Control Rod Assy.
51	1	NLS		1	Quadrant, Throttle Control, 9N {9N9820}

(1) Not illustrated

2N 9N

STEERING GEAR & RELATED PARTS, 8N BSN 216989



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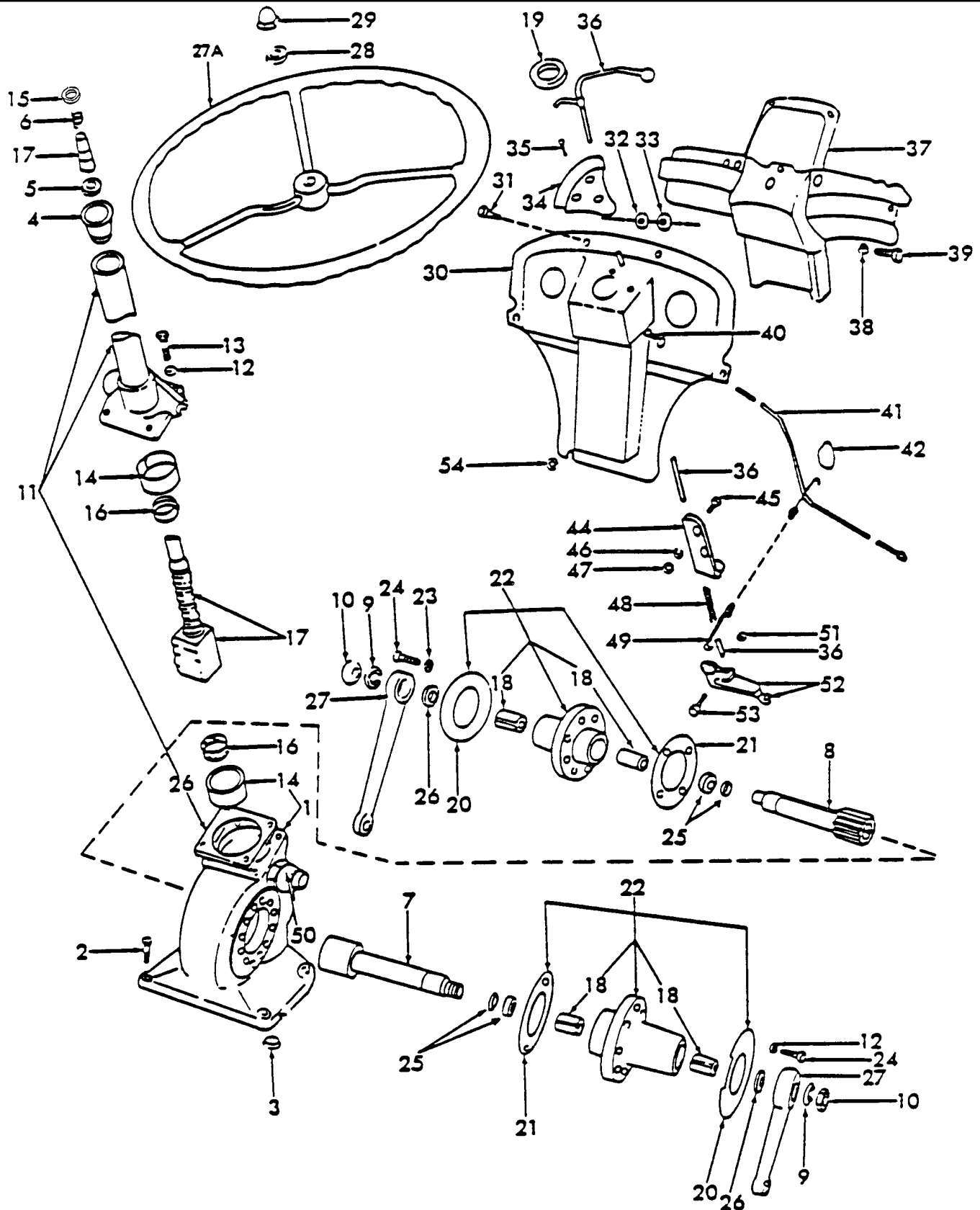
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STEERING GEAR & RELATED PARTS, 8N BSN 216989

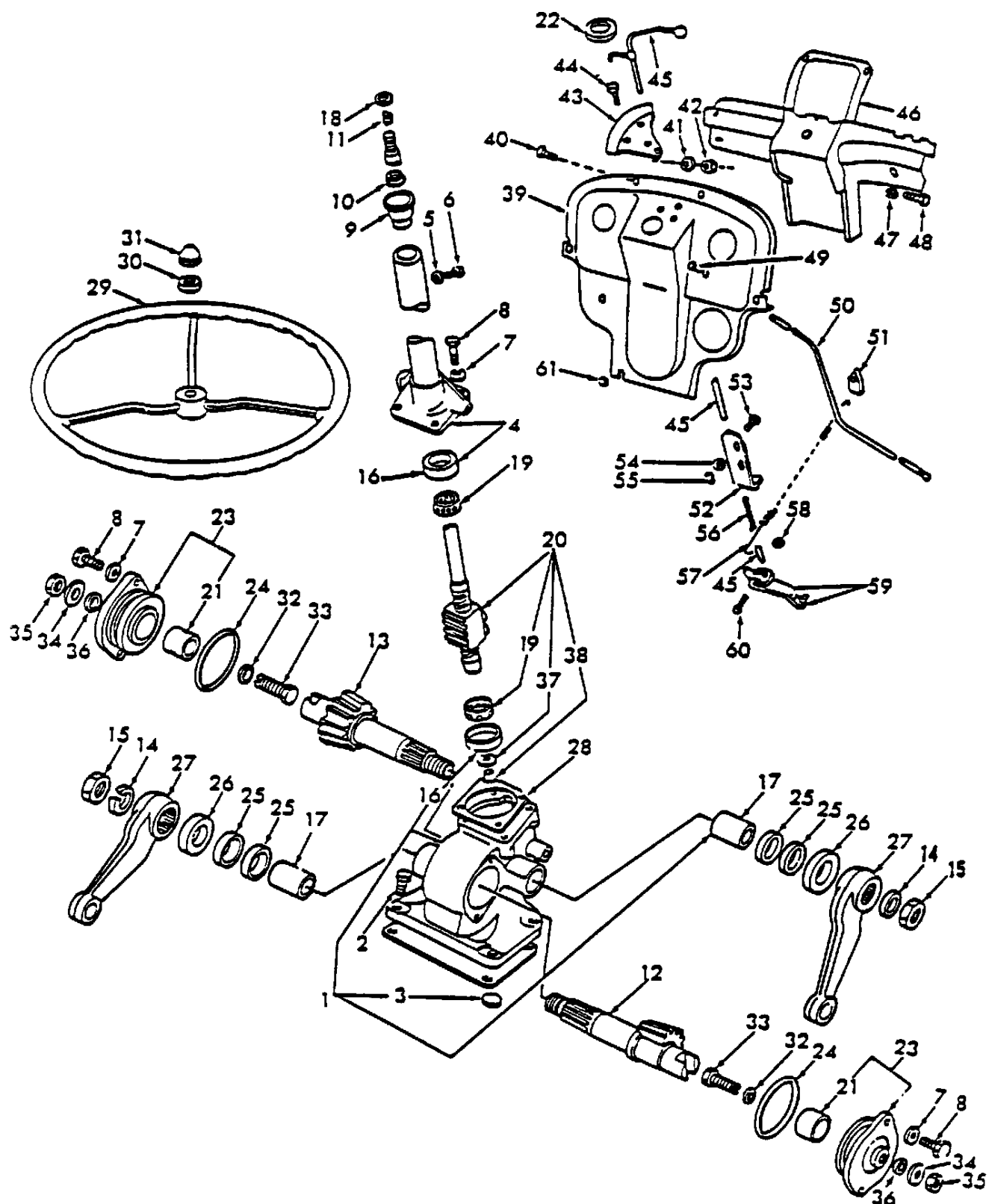
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N3548B	BTW 01/48 & 12/49	1	Housing Assy., Steering Gear, 8N
2		PL	BTW 01/48 & 12/49	4	Bolt, Hex, Steering Gear Assy. to Transmission, 7/16"-14" x 1-3/8"
3		PL	BTW 01/49 & 12/52	1	Plug, Expansion, 1-1/4"
3		PL	BTW 01/49 & 12/52	1	Plug, Expansion, 1/4" 11/16"-20
3		9617020	BTW 01/48 & 12/49	1	Plug, Pipe, HS, 1/4"-18, NPTF
4		C5NN3N716A	BTW 01/48 & 12/49	1	Bearing Assy., Steering Column
5		8N3518	BTW 01/48 & 12/49	1	Seat, Steering Column, Bearing Spring
6		8N3520	BTW 01/48 & 12/49	1	Spring, Steering Column Bearing
7		8N3526A	BTW 01/48 & 12/49	1	Shaft, Steering Gear Sector or Pitman, RH
8		8N3527A	BTW 01/48 & 12/49	1	Shaft, Steering Gear Sector or Pitman, LH
9		PL	BTW 01/48 & 12/49	2	Washer, Lock, 3/4"
10		PL	BTW 01/48 & 12/49	2	Nut, Hex, Jam, Steering Arm to Shaft, 3/4"-16"
11		8N3545A	BTW 01/48 & 12/49	1	Kit, Steering Gear Housing Cover
12		PL	BTW 01/48 & 12/49	4	Washer, Lock, 3/8"
13		PL	BTW 01/48 & 12/49	4	Bolt, Hex, Cover to Housing, 3/8"-16 x 1-1/8"
14		8N3552	BTW 01/48 & 12/49	2	Cup, Bearing, Steering Gear Thrust
15		8N3570	BTW 01/48 & 12/49	1	Seal, Steering Column, Dust
16		8N3571	BTW 01/48 & 12/49	2	Bearing, Steering Gear, Worm Thrust
17		8N3575A	BTW 01/48 & 12/49	1	Shaft & Ball Nut Assy., Steering
18		8N3576A	BTW 01/48 & 12/49	4	Bushing, Steering Gear Sector & Pitman Shaft
19		8N3578	BTW 01/48 & 12/49	1	Grommet, Steering Column
20		8N3579	BTW 01/48 & 12/49	2	Washer, Steering Gear, Housing Side Cover
21		8N3581A	BTW 01/48 & 12/49	2	Seal, Gasket, Steering Gear, Side Cover
22		8N3584A	BTW 01/48 & 12/49	2	Cover & Bushing Assy., Steering Gear Housing, Side
23		PL	BTW 01/48 & 12/49	4	Washer, Lock, 3/8"
24		88011	BTW 01/48 & 12/49	4	Screw, Cap, HH, G5, 3/8"-16 x 1-1/4", Side Cover to Housing,
25		D5UZ3591A	BTW 01/48 & 12/49	2	Seal Assy., Steering Gear Sector Shaft
26		86553476	BTW 01/48 & 12/49	2	Seal, Steering Gear Sector Shaft, Dust
26		C5NN3595B	BTW 01/48 & 12/49	1	Shim, Steering Gear Housing, End Cover, .002
26		251296	BTW 01/48 & 12/49	1	Kit, Shim, Steering Gear Housing, End Cover, .005
26		8N3595C	BTW 01/48 & 12/49	1	Shim, Steering Gear Housing, End Cover, .010
26		8N3595D	BTW 01/48 & 12/49	1	Shim, Steering Gear Housing, End Cover, .030
27		8N3590A	BTW 01/48 & 12/49	2	Arm, Steering Gear
					8N

STEERING GEAR & RELATED PARTS, 8N BSN 216989



STEERING GEAR & RELATED PARTS, 8N BSN 216989

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27A		D6NN3600B	BTW 01/48 & 12/49	1	Wheel Assy., Steering
28		356515S36	BTW 01/48 & 12/49	AR	Washer, Flat, .70" x 1.50"
29		359295S7	BTW 01/48 & 12/49	1	Nut, Blind, Steering Wheel to Steering Gearshaft,
30		NLS	BTW 01/48 & 12/49	1	Panel Assy., Instrument W/Hole for Proofmeter, 8N
30		NLS	BTW 01/48 & 12/49	1	Panel Assy., Instrument W/Hole for Proofmeter, 8NAN
31		PL	BTW 01/48 & 12/49	1	Bolt, Hex, 3/8"-24 x .86"
32		PL	BTW 01/48 & 12/49	1	Washer, Flat, 3/8"
33		PL	BTW 01/48 & 12/49	1	Nut, Hex, 3/8"-24
34		8N9889A	BTW 01/48 & 12/49	1	Quadrant, Throttle Control
35		PL	BTW 01/48 & 12/49	1	Screw, Oval Hd., #12-24 x 3/8"
36		8N9805A4	BTW 01/48 & 12/49	1	Lever, Throttle Control
37		PL	BTW 01/48 & 12/49	1	Support, Instrument Panel to Hood
38		PL	BTW 01/48 & 12/49	2	Washer, Lock, 7/16"
39		PL	BTW 01/48 & 12/49	2	Bolt, Shaft to Upper Steering, 7/16"-14 x 1"
40		C7NN8N043A	BTW 01/48 & 12/49	1	Knob, Choke
41		8N9700	BTW 01/48 & 12/49	1	Rod Assy., Choke Control, W/Battery Ignition
42		8N9855	BTW 01/48 & 12/49	1	Plate, Governor Spring Anchor
44		PL	BTW 01/48 & 12/49	1	Bracket, Throttle Control Arm
45		PL	BTW 01/48 & 12/49	1	Bolt, Rod Bracket, 5/16"-18 x 11/16"
46		PL	BTW 01/48 & 12/49	1	Washer, Lock, 5/16"
47		PL	BTW 01/48 & 12/49	1	Nut, Hex, 5/16"-18
48		8N9806	BTW 01/48 & 12/49	1	Spring, Throttle Control Lever
49		8N9827	BTW 01/48 & 12/49	1	Spring, Governor Compression, 4.95" Length
50		PL	BTW 01/48 & 12/49	1	Plug, 1/4"-18 NPT
51		PL	BTW 01/48 & 12/49	1	Nut, Lock, 1/4"-28
52		8N9807	BTW 01/48 & 12/49	1	Arm Assy., Throttle Control Lever
52		NLS	BTW 01/48 & 12/49	1	Arm Assy., Throttle Control Lever, Kerosene {8NAN9807}
53		PL	BTW 01/48 & 12/49	1	Bolt, Rod to Lever, 1/4"-28 x 1-1/8"
54		PL	BTW 01/48 & 12/49	1	Grommet, Starter Switch Lead
					8N



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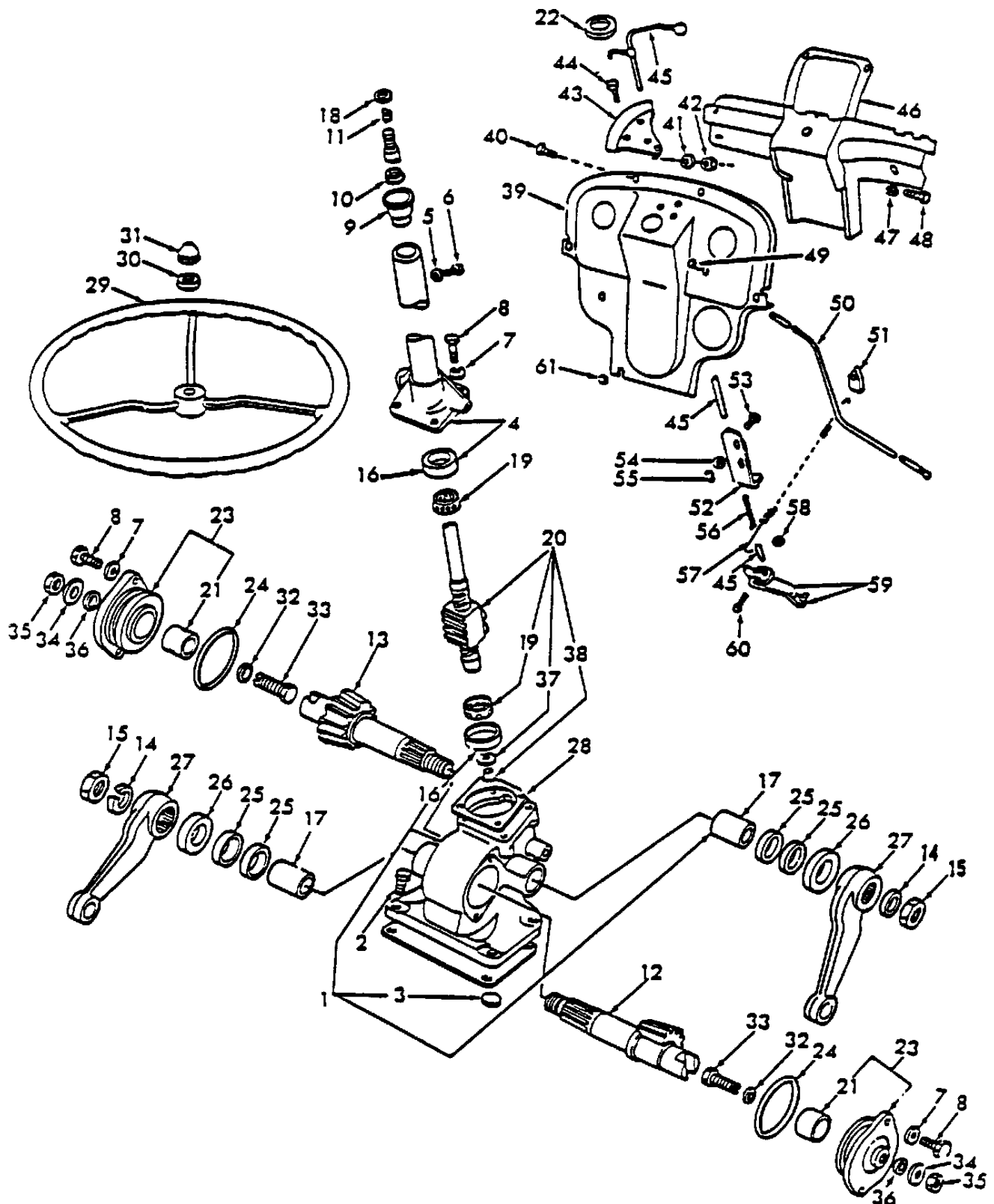
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STEERING GEAR & RELATED PARTS, 8N ASN 216989

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N3548B	BTW 01/49 & 12/52	1	Housing Assy., Steering Gear
2		PL	BTW 01/49 & 12/52	4	Bolt, Hex, Steering Gear Assy. to Transmission, 7/16"-14" x 1-3/8"
3		PL	BTW 01/49 & 12/52	4	Plug, Expansion, 1-1/4"
4		8N3509B	BTW 01/49 & 12/52	1	Cover, Steering Gear Housing, Cover & Tube Assy.
5		PL	BTW 01/49 & 12/52	1	Washer, Lock, Internal Tooth, 1/4"
6		PL	BTW 01/49 & 12/52	1	Screw, Fill Hd., Used as Filler Plug, 1/4"-20 x 5/8"
7		PL	BTW 01/49 & 12/52	4	Washer, Lock, 3/8"
8		PL	BTW 01/49 & 12/52	4	Bolt, HH, Cover to Housing, 3/8"-16 x 1-1/8"
8		PL	BTW 01/49 & 12/52	4	Bolt, HH, Side Cover to Steering Gear Housing, 3/8"-16 x 1-1/8"
9		C5NN3N716A	BTW 01/49 & 12/52	1	Bearing Assy., Steering Column
10		8N3518	BTW 01/49 & 12/52	1	Seat, Steering Column Bearing Spring
11		8N3520	BTW 01/49 & 12/52	1	Spring, Steering Column Bearing
12		251293	BTW 01/49 & 12/52	1	Shaft, Steering Gear Sector or Pitman, Single
13		251294	BTW 01/49 & 12/52	1	Shaft, Steering Gear Sector or Pitman, Single
14		PL	BTW 01/49 & 12/52	2	Washer, Lock, 3/4"
15		PL	BTW 01/49 & 12/52	2	Nut, Hex Jam, Steering Arm to Shaft, 3/4"-16
16		8N3552	BTW 01/49 & 12/52	2	Cup, Steering Gear Thrust Bearing
17		AJ3576A	BTW 01/49 & 12/52	2	Bushing, Steering Gear Sector & Pitman Shaft, Long
18		8N3570	BTW 01/49 & 12/52	1	Seal, Steering Column, Dust
19		8N3571	BTW 01/49 & 12/52	2	Bearing, Thrust, Steering Gear Worm
20		8N3575B	BTW 01/49 & 12/52	1	Shaft & Ball Nut Assy., Steering
21		8N3576B	BTW 01/49 & 12/52	2	Bushing, Steering Gear Sector & Pitman, Shaft, Short
22		8N3578	BTW 01/49 & 12/52	1	Grommet, Steering Column
23		8N3584B	BTW 01/49 & 12/52	2	Cover & Bushing Assy., Steering Gear Housing, Side, Includes: Ref. 21
24		87073S94	BTW 01/49 & 12/52	2	O-Ring, 2.500" ID x .139" Thk, Side Cover
25		D5UZ3591A	BTW 01/49 & 12/52	2	Packing, Steering Gear Sector Shaft
25		D5UZ3591A	BTW 01/49 & 12/52	2	Retainer, Steering Gear Sector Shaft Packing
26		86553476	BTW 01/49 & 12/52	2	Seal, Steering Gear Sector Shaft, Dust
27		86542743	BTW 01/49 & 12/52	2	Arm, Steering Gear, Used W/8N-3503-B
28		C5NN3595B	BTW 01/49 & 12/52	1	Shim, Steering Gear Housing, End Cover, .002
28		251296	BTW 01/49 & 12/52	1	Kit, Shim, Steering Gear Housing, End Cover, .005
28		8N3595C	BTW 01/49 & 12/52	1	Shim, Steering Gear Housing, End Cover, .010
					8N

STEERING GEAR & RELATED PARTS, 8N ASN 216989



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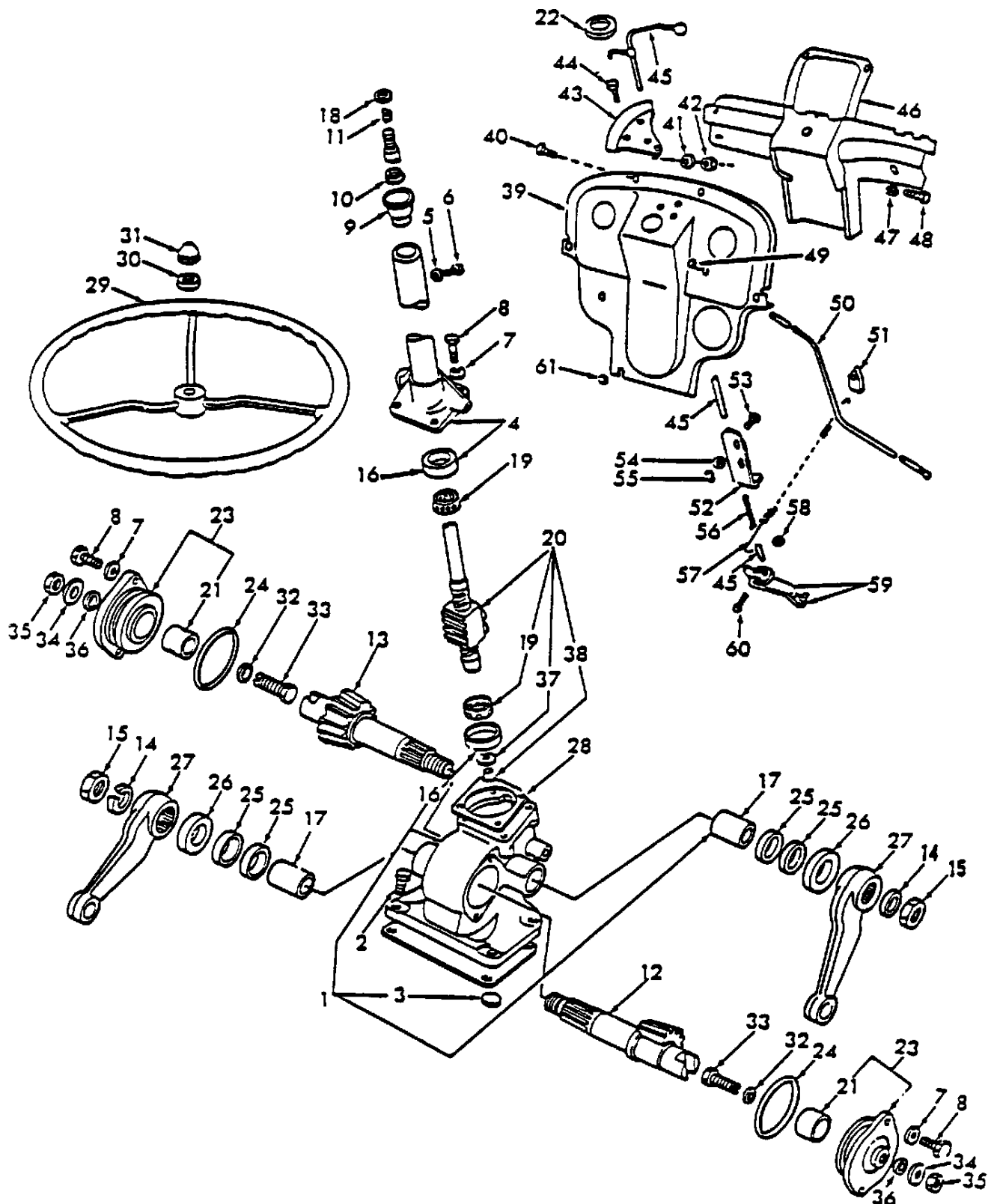
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STEERING GEAR & RELATED PARTS, 8N ASN 216989

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
28		8N3595D	BTW 01/49 & 12/52	1	Shim, Steering Gear Housing, End Cover, .030
29		D6NN3600B	BTW 01/49 & 12/52	1	Wheel Assy., Steering
30		356515S36	BTW 01/49 & 12/52	1	Washer, Flat, 70" x 1.50"
31		359295S7	BTW 01/49 & 12/52	1	Nut, Blind, Steering Wheel to Steering Gear Shaft, 11/16"-20
32		8N33544A	BTW 01/49 & 12/52	2	Shim, Steering Gear, Lash Adjuster, .063 Alt. W/B,C & D
32		8N33544B	BTW 01/49 & 12/52	2	Shim, Steering Gear, Lash Adjuster, .065 Alt. W/A,C & D
32		8N33544C	BTW 01/49 & 12/52	2	Shim, Steering Gear, Lash Adjuster, .067 Alt. W/A,B & D
32		8N33544D	BTW 01/49 & 12/52	2	Shim, Steering Gear, Lash Adjuster, .069 Alt. W/A,B & C
33		8N33545	BTW 01/49 & 12/52	2	Adjuster, Steering Gear, Lash
34		PL	BTW 01/49 & 12/52	2	Washer, Flat, 7/16"
35		PL	BTW 01/49 & 12/52	2	Nut, Hex Jam, 7/16"-20, Used W/Adjuster
36		8N33546	BTW 01/49 & 12/52	2	Packing, Steering Gear, Lash Adjuster
37		8N33581	BTW 01/49 & 12/52	1	Retainer, Steering Gear, Ball & Nut Bearing
38		356937S	BTW 01/49 & 12/52	1	Eyelet, Retainer to Steering Shaft, .273" ID x .215" Lg.
39		NLS	BTW 01/49 & 12/52	1	Panel Assy., Instrument W/Hole for Proofmeter, 8N
39		NLS	BTW 01/49 & 12/52	1	Panel Assy., Instrument W/Hole for Proofmeter, 8NAN
40		PL	BTW 01/49 & 12/52	1	Bolt, Hex, 3/8"-24 x .86
41		PL	BTW 01/49 & 12/52	1	Washer, Flat, 3/8"
42		PL	BTW 01/49 & 12/52	1	Nut, Hex, 3/8"-24
43		8N9889A	BTW 01/49 & 12/52	1	Quadrant, Throttle Control
44		PL	BTW 01/49 & 12/52	1	Screw, Oval Hd., #12-24 x 3/8"
45		8N9805A4	BTW 01/49 & 12/52	1	Lever, Throttle Control
46		NLS	BTW 01/49 & 12/52	1	Support Assy., Instrument Panel to Hood
47		PL	BTW 01/49 & 12/52	2	Washer, Lock, 7/16"
48		PL	BTW 01/49 & 12/52	2	Bolt, Support to Upper Steering, 7/16"-14 x 1"
49		C7NN8N043A	BTW 01/49 & 12/52	1	Knob, Choke
50		8N9700	BTW 01/49 & 12/52	1	Rod Assy., Choke Control, W/Battery Ignition
51		8N9855	BTW 01/49 & 12/52	1	Plate, Governor Spring Anchor
52		PL	BTW 01/49 & 12/52	1	Bracket, Throttle Control Arm
					8N

STEERING GEAR & RELATED PARTS, 8N ASN 216989



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STEERING GEAR & RELATED PARTS, 8N ASN 216989

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
53	PL		BTW 01/49 & 12/52	1	Bolt, Rod Bracket, 5/16"-18 x 11/16"
54	PL		BTW 01/49 & 12/52	1	Washer, Lock, 5/16"
55	PL		BTW 01/49 & 12/52	1	Nut, Hex, 5/16"-18
56	8N9806		BTW 01/49 & 12/52	1	Spring, Throttle Control Lever
57	8N9827		BTW 01/49 & 12/52	1	Spring, Governor Compression, 4.95" Length
58	PL		BTW 01/49 & 12/52	1	Nut, Lock, 1/4"-28
59	8N9807		BTW 01/49 & 12/52	1	Arm Assy., Throttle Control Lever
59	NLS		BTW 01/49 & 12/52	1	Arm Assy., Throttle Control Lever, Kerosene {8NAN9807}
60	PL		BTW 01/49 & 12/52	1	Bolt, Rod to Cover, 1/4"-28 x 1-1/8"
61	PL		BTW 01/49 & 12/52	1	Grommet, Starter Switch Lead

8N

SECTION INDEX

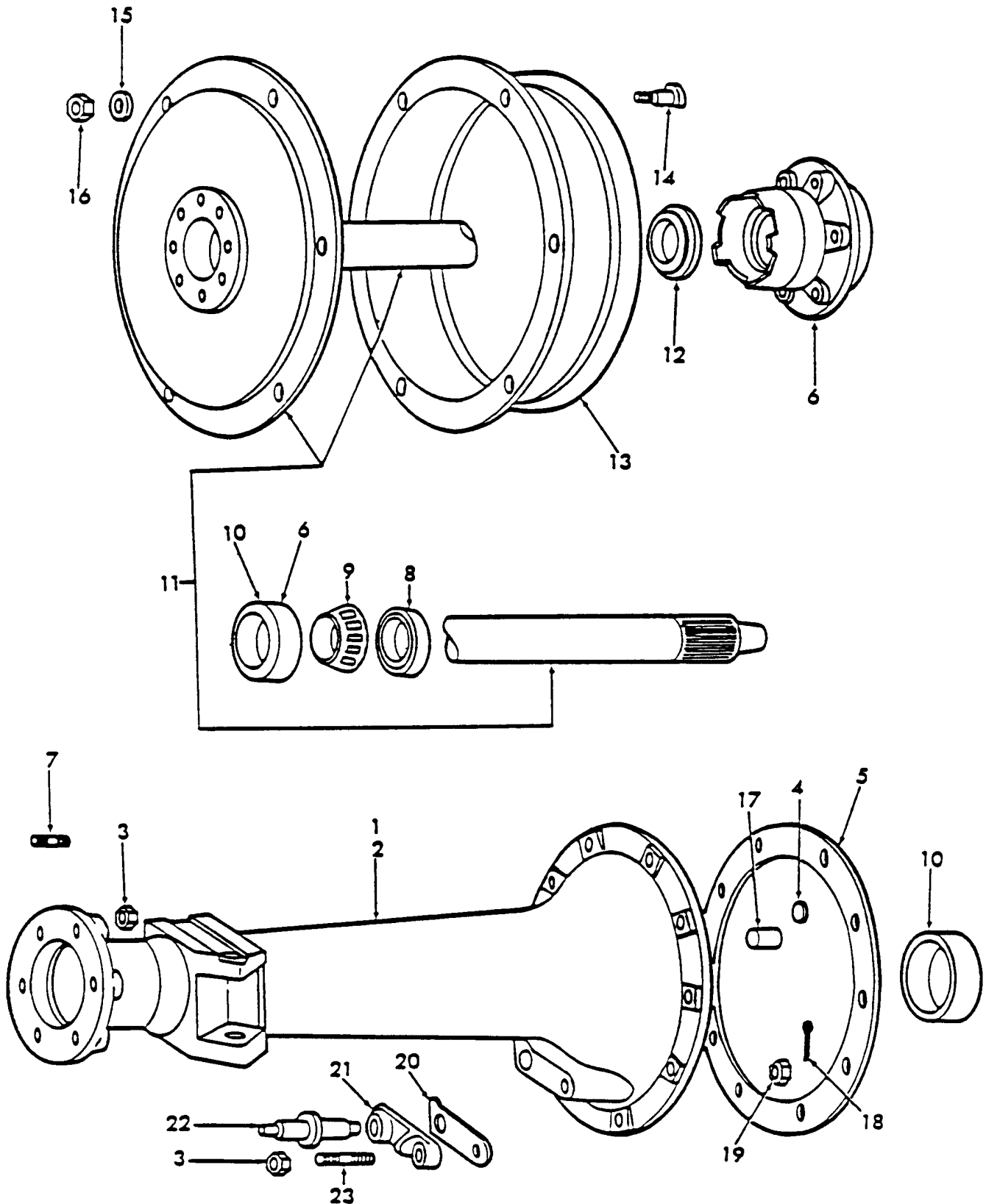
04A01	REAR AXLE SHAFT, HOUSING & RELATED PARTS - 9N, 2N
04A02	REAR AXLE SHAFT, HOUSING & RELATED PARTS - 8N
04B01	DIFFERENTIAL ASSEMBLY W/DRIVE GEAR & PINION - 9N, 2N, 8N
04C01	CENTER HOUSING, ROCKER & RELATED PARTS - 9N, 2N, 8N

04A01

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REAR AXLE SHAFT, HOUSING & RELATED PARTS - 9N, 2N



REAR AXLE SHAFT, HOUSING & RELATED PARTS - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NLS	BTW 01/39 & 12/47	1	Housing Assy., Rear Axle Shaft, RH {2N4012A2}
2		NLS	BTW 01/39 & 12/47	1	Housing Assy., Rear Axle Shaft, LH {2N4013A2}
3		PL	BTW 01/39 & 12/47	6	Nut, Hex, 7/16"-20
3A	1	357708S8	BTW 01/39 & 12/47	1	Stud, Muffler Clamp to LH Housing to Center Housing, 7/16"-14 x 20 x 2.12"N
3B	1	357724S8	BTW 01/39 & 12/47	21	Stud, LH & RH Housing to Center Housing, 7/16"-14 x 20 x 1.86"
4		PL	BTW 01/39 & 12/47	1	Plug, Expansion, R.H. Axle Housing, 1-1/4"
5		2N4035	BTW 01/39 & 12/42	4	Gasket, Center Housing to Rear Axle Housing, 9N
5		2N4035	BTW 01/42 & 12/47	2	Gasket, Center Housing to Rear Axle Housing, 2N
6		9N4124	BTW 01/39 & 12/47	2	Retainer Assy., Rear Axle Shaft Bearing
7		88463S7	BTW 01/39 & 12/47	12	Stud, Screw, Return to Rear Axle Housing, 7/16" - 14-20 x 2.50"
8		9N4132	BTW 01/39 & 12/47	2	Collar, Rear Axle Shaft Bearing
9		2N4221	BTW 01/39 & 12/47	2	Cone & Roller Assy., Rear Axle Shaft Bearing
10		174125	BTW 01/39 & 12/47	2	Cup, Rear Axle Shaft Bearing
10		510892	BTW 01/39 & 12/47	2	Cup, Rear Axle, Differential Bearing
10A	1	8N4229D	BTW 01/39 & 12/47	AR	Shim, Rear Axle, Shaft, Bearing Return
10B	1	8N4229E	BTW 01/39 & 12/47	AR	Shim, Rear Axle Shaft, Bearing Return
10C	1	8N4229F	BTW 01/39 & 12/47	AR	Shim, Rear Axle Shaft, Bearing Retainer
11		9N4234B	BTW 01/39 & 12/47	2	Shaft, Rear Axle
12		D6NN4251A	BTW 01/39 & 12/47	2	Seal Assy., Rear Axle Shaft Bearing, Oil, Outer
13		9N1126	BTW 01/39 & 12/47	2	Drum, Rear Wheel Brake
14		9N1117	BTW 01/39 & 12/47	12	Bolt, Rear Wheel
15		PL	BTW 01/39 & 12/47	12	Washer, Flat, 5/8"
16		PL	BTW 01/39 & 12/47	12	Nut, Hex, Wheel to Axle Flange, 5/8"-18
17		782477	BTW 01/39 & 12/47	2	Bushing, Brake Cross Shaft
18		PL	BTW 01/39 & 12/47	1	Pin, Cotter, 1/8" x 1"
19		PL	BTW 01/39 & 12/47	1	Nut, Castle, 5/8"-18
20		9N523A	BTW 01/39 & 12/42	2	Gasket, Lower Link, Support Plate, Oval End
20		9N523B	BTW 01/42 & 12/47	2	Gasket, Lower Link, Support Plate, Square End
21		9N562B	BTW 01/39 & 12/47	2	Plate, Lower Link Support
22		9N563	BTW 01/39 & 12/47	2	Shaft, Lower Link Support
23		376425S36	BTW 01/39 & 12/47	1	Stud, Screw, 7/16" - 14-20 x 1.75

(1) Not illustrated

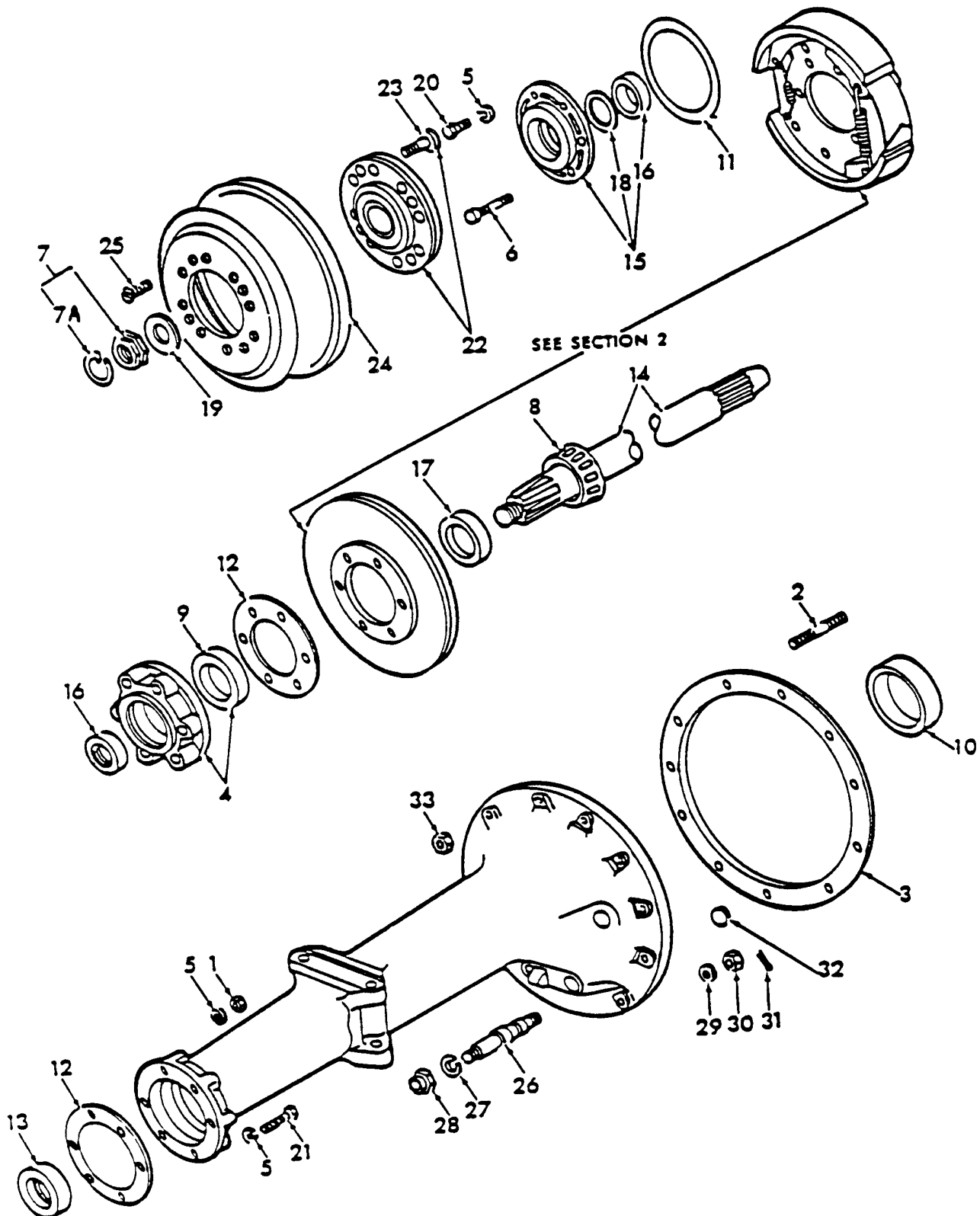
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REAR AXLE SHAFT, HOUSING & RELATED PARTS - 8N



REAR AXLE SHAFT, HOUSING & RELATED PARTS - 8N

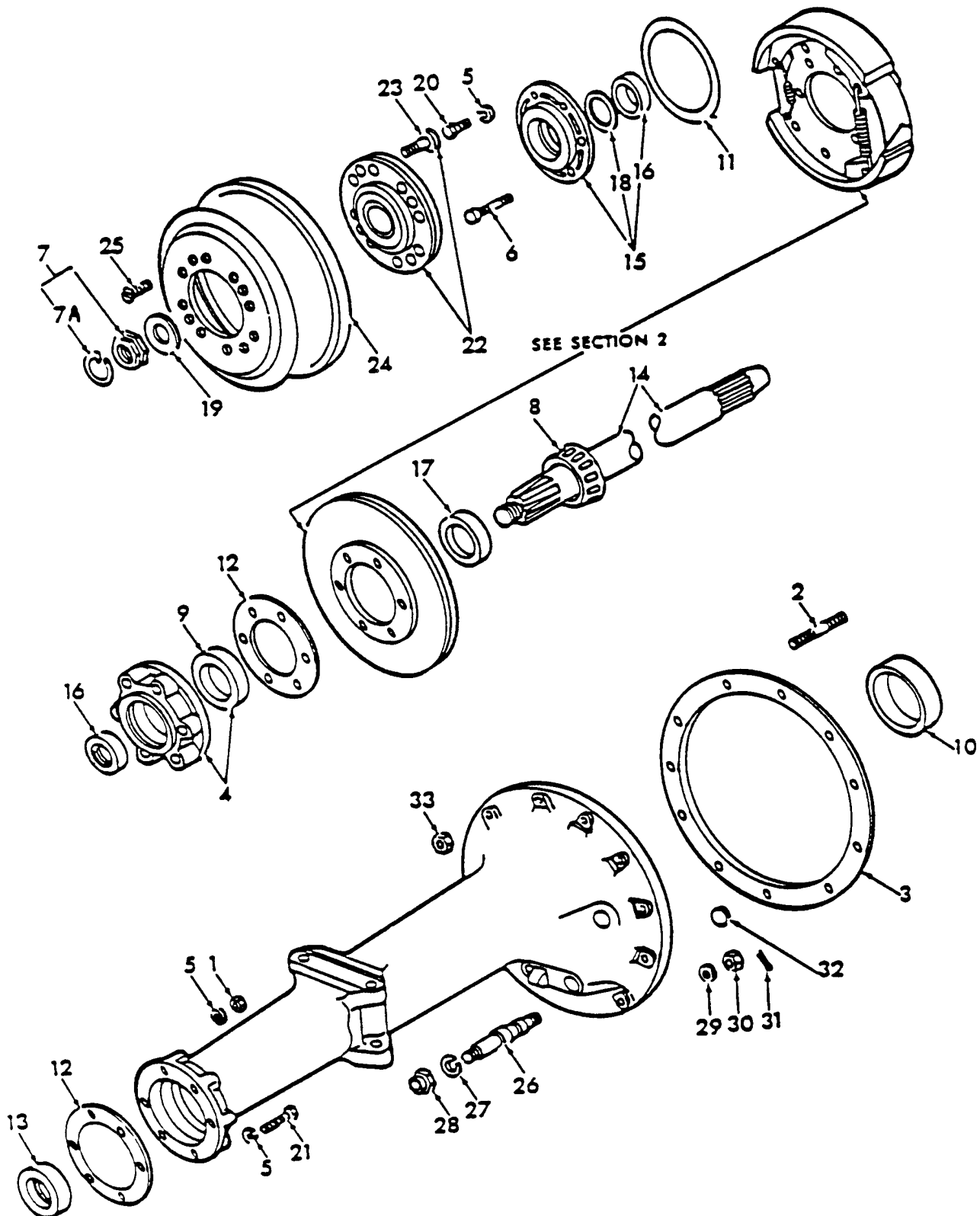
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NS	BTW 01/48 & 12/52	1	Housing Assy., Rear Axle Shaft, RH
		NS	BTW 01/48 & 12/52	1	Housing Assy., Rear Axle Shaft, LH
1A	1	PL	BTW 01/48 & 12/52	AR	Nut, Hex, 7/16"-20
		376425S36	BTW 01/48 & 12/52	1	Stud, Muffler Clamp to LH Housing to Center Shaft Housing, 7/16"-14 x 20 x 2.12"
2		357724S8	BTW 01/48 & 12/52	21	Stud, LH & RH Housing to Center Housing, 7/16"-14 x 20 x 1.86"
2A	1	PL	BTW 01/48 & 12/52	1	Plug, Expansion, RH Axle Housing, 1-1/4"
3		2N4035	BTW 01/48 & 12/52	2	Gasket, Center Housing to Rear Axle Housing
4		8N4124B	BTW 01/48 & 12/52	2	Retainer Assy., Rear Axle Shaft Bearing
5		PL	BTW 01/48 & 12/52	AR	Washer, Lock, 7/16"
5		PL	BTW 01/48 & 12/52	4	Washer, Lock, Brake Assy. to Return, 7/16"
5		PL	BTW 01/48 & 12/52	4	Washer, Return to Rear Axle Shaft Housing, 7/16"
6		356755S8	BTW 01/48 & 12/52	8	Bolt, HH, Return & Brakes to Rear Axle Shaft Housing, 7/16"-20 x 3-1/4"
7		CBPN4179A	BTW 01/48 & 12/52	2	Kit, Nut & Snap Ring, Rear Axle Shaft, Includes: (1) 8N-4179 Nut, NS & (1) 8N-4187 Snap Ring
7A		8N4187	BTW 01/48 & 12/52	2	Ring, Nut & Snap, Rear Axle Shaft
8		2N4221	BTW 01/48 & 12/52	2	Cone & Roller Assy., Rear Axle Shaft Bearing
9		174125	BTW 01/48 & 12/52	2	Cup, Rear Axle Shaft Bearing
10		510892	BTW 01/48 & 12/52	2	Cup, Rear Axle Differential Bearing
11		8N4225	BTW 01/48 & 12/52	2	Gasket, Rear Axle Shaft, Outer Bearing, Oil Seal Return
12		8N4229D	BTW 01/48 & 12/52	AR	Shim, Rear Axle Shaft, Bearing Return
12		8N4229E	BTW 01/48 & 12/52	AR	Shim, Rear Axle Shaft, Bearing Return
12		8N4229F	BTW 01/48 & 12/52	AR	Shim, Rear Axle Shaft, Bearing Retainer
13		8N4233A	BTW 01/48 & 12/52	2	Seal Assy., Rear Axle Shaft Bearing, Oil, Inner
14		NLS	BTW 01/48 & 12/52	2	Shaft, Rear Axle {8N4235B}
14		8N4235C	BTW 01/48 & 12/52	2	Shaft, Rear Axle
15	2	A8NN4248A	BTW 01/48 & 12/52	2	Retainer Assy., Rear Axle Shaft Bearing, Oil Seal, Outer Used W/A8NN-4248-A
16	2	A8NN4251A	BTW 01/48 & 12/52	2	Seal Assy., Rear Axle Shaft Bearing, Oil, Outer
(1) Not illustrated					
(2) Used on & BSN 486753					
					8N

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REAR AXLE SHAFT, HOUSING & RELATED PARTS - 8N



REAR AXLE SHAFT, HOUSING & RELATED PARTS - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
16	1	D5NN4115A	BTW 01/48 & 12/52	2	Seal Assy., Rear Axle Shaft Bearing, Oil, Outer
17		8N4284	BTW 01/48 & 12/52	2	Gasket, Rear Axle Shaft
18	2	86626502	BTW 01/48 & 12/52	2	Gasket, Rear Axle Shaft, Outer Bearing, Oil Seal, Used W/8N-4248-B
19		8N4293	BTW 01/48 & 12/52	2	Washer, Rear Axle Shaft
20		PL	BTW 01/48 & 12/52	4	Bolt, Rear Axle, Anchor Plate & Seal to Bearing Retainer, 7/16"-20 x 7/8" #5NF
21		8N44068	BTW 01/48 & 12/52	4	Bolt, Rear Axle Shaft Bearing, Return to Shaft Housing
22		8N1171	BTW 01/48 & 12/52	2	Hub & Stud Assy., Rear Wheel, 8N
23		312696	BTW 01/48 & 12/52	16	Bolt, Fluted Shoulder, Wheel Disc to Brake Drum, 5/8"-18 x 1.98, 8N
24		8N1126	BTW 01/48 & 12/52	2	Brake, Rear Wheel
25	3	24667S8	BTW 01/48 & 12/52	4	Screw, 3/8"-16 x .75
26		NCA563C	BTW 01/48 & 12/52	2	Shaft, Lower Link Support
27		PL	BTW 01/48 & 12/52	AR	Washer, .813 ID x 1.33
28		PL	BTW 01/48 & 12/52	2	Nut, Lock, 5/8"-18
29		370692S34	BTW 01/48 & 12/52	2	Washer, Flat, 5/8"
30		354573S36	BTW 01/48 & 12/52	2	Nut, Castle, 3/4"-16
31		PL	BTW 01/48 & 12/52	2	Pin, Cotter, 5/32" x 1.25
32		PL	BTW 01/48 & 12/52	2	Plug, Expansion, 1.25
33		PL	BTW 01/48 & 12/52	2	Nut, Hex, 7/16"-20

(1) Used on & ASN 486752

(2) Used on & BSN 486753

(3) No Longer Serviced

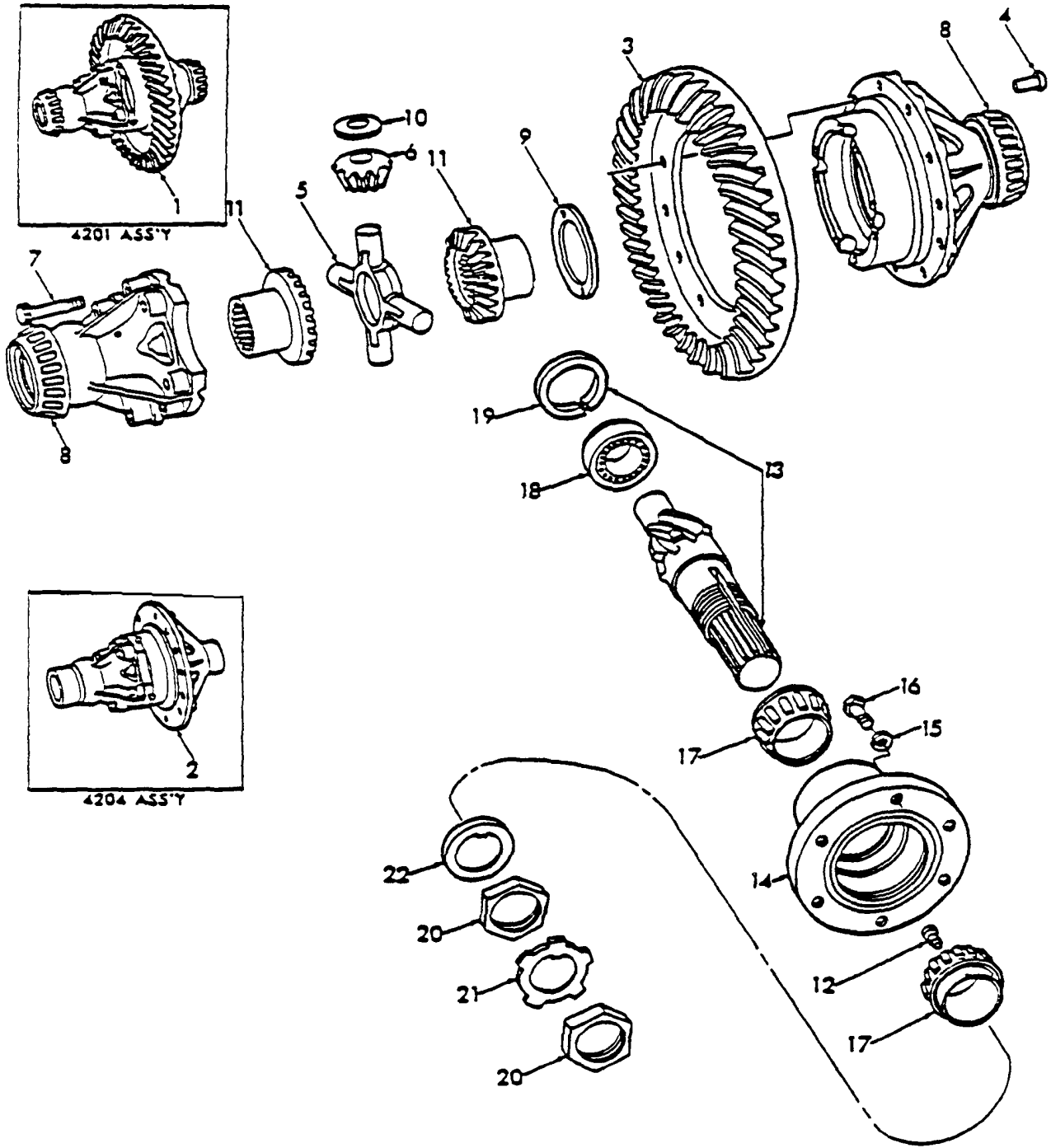
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DIFFERENTIAL ASSEMBLY W/DRIVE GEAR & PINION - 9N, 2N, 8N



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DIFFERENTIAL ASSEMBLY W/DRIVE GEAR & PINION - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	9N4201	BTW 01/39 & 12/52	1	Differential Assy., Rear Axle, Alternate W/8N4201A, 9N4201, Used W/794609
1	1	8N4201A	BTW 01/39 & 12/52	1	Differential Assy., Rear Axle, Alternate W/9N4201, 8N4201A, Used W/8N4609A
2	1	9N4204	BTW 01/39 & 12/52	1	Case Assy., Differential Gear
3		794210A	BTW 01/39 & 12/52	1	Gear, Rear Axle Drive, Used W/794609
3		8N4210A	BTW 01/39 & 12/52	1	Gear, Rear Axle Drive, Used W/8N4609A
4		PL	BTW 01/39 & 12/52	12	Rivet, Rose Hd., Drive Gear to Gear Case, 7/16" x 1.50"
4		86531502	BTW 01/39 & 12/52	12	Bolt, Rear Axle Driven Gear
5		9N4211	BTW 01/39 & 12/52	1	Spider, Rear Axle Differential
6		7RT4215	BTW 01/39 & 12/52	4	Pinion, Rear Axle Differential
7	1	BB4216C	BTW 01/39 & 12/52	8	Bolt or Screw, Differential Gear Case, Used in Gear Case 9N4204
8	2	510884	BTW 01/39 & 12/52	2	Cone & Roller Assy., Rear Axle Differential
9		794228F	BTW 01/39 & 12/52	2	Washer, Thrust, Differential Side Gear
10		794230F	BTW 01/39 & 12/52	4	Washer, Thrust, Differential Pinion, Used W/91T4215
10		7RT4230	BTW 01/39 & 12/52	4	Washer, Thrust, Differential Pinion, Used W/7RT4215
11		B2NN4236A	BTW 01/39 & 12/52	4	Gear, Rear Axle, Differential Side
12	1	TEAN4256A	BTW 01/39 & 12/52	1	Pin, Bearing, Rear Axle, Drive Pinion Gear
13		794609	BTW 01/39 & 12/52	1	Gear Assy., Rear Axle Drive Pinion, Used W/79-4210-A
13		8N4609B	BTW 01/39 & 12/52	1	Gear Assy., Rear Axle Drive Pinion, Used W/8N-4210-A
14	1	BB4614B	BTW 01/39 & 12/52	1	Retainer Assy., Rear Axle, Drive Pinion, Gear Bearing
15		PL	BTW 01/39 & 12/52	AR	Washer, Lock, 9/16"
16		PL	BTW 01/39 & 12/52	6	Bolt, Return & Oil Seal Support to Center Housing, 9/16"-12 x 1.25
17		86611280	BTW 01/39 & 12/52	2	Cup, Rear Axle, Drive Pinion, Gear Bearing, Front & Rear
17		86611046	BTW 01/39 & 12/52	2	Cone & Roller Assy., Rear Axle, Drive Pinion, Gear Bearing
18		BB4625B	BTW 01/39 & 12/52	1	Bearing Assy., Rear Axle, Drive Pinion, Gear Pilot
(1) No Longer Serviced					
(2) Cup is BB-4222					

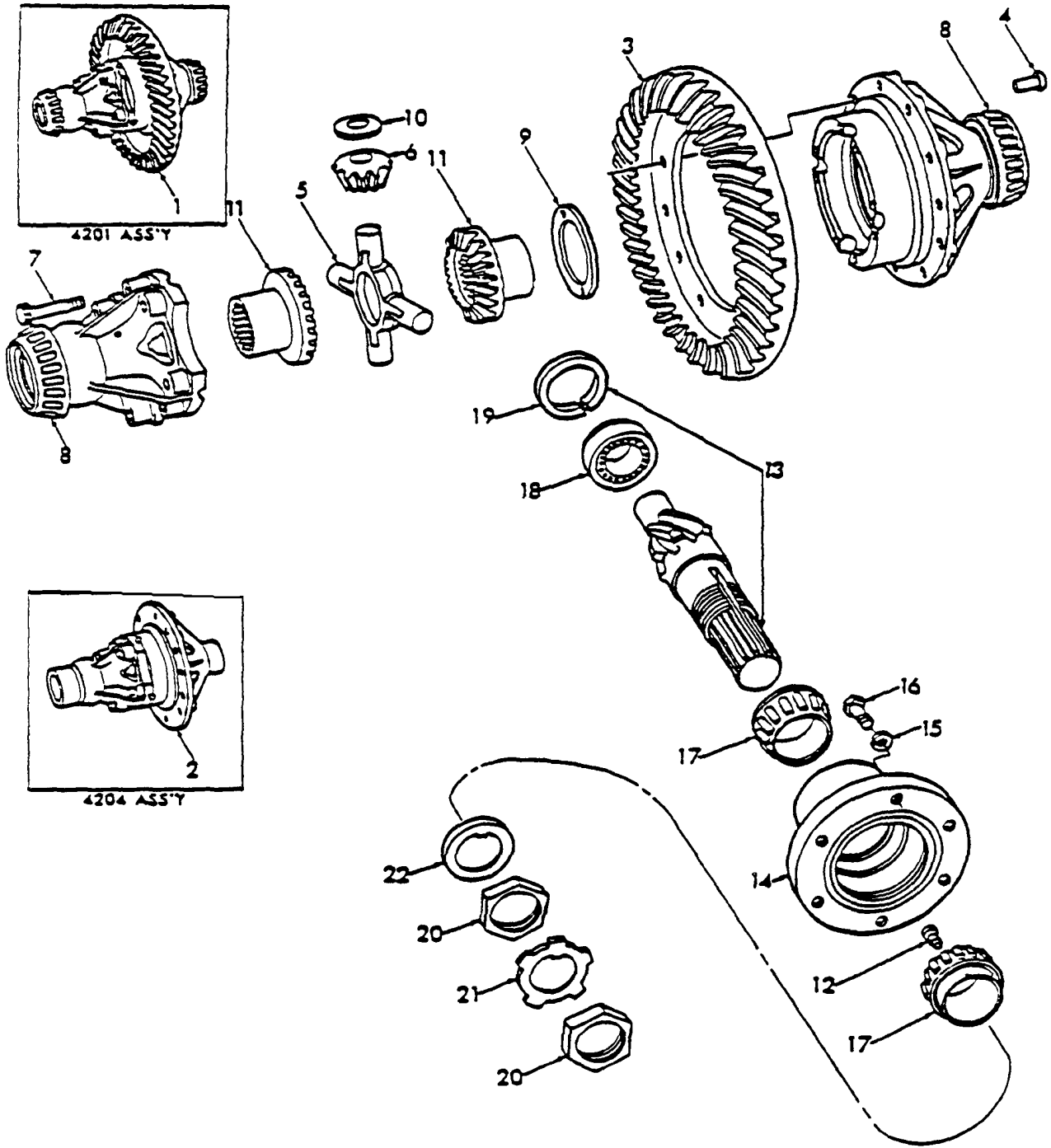
2N 9N 8N

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DIFFERENTIAL ASSEMBLY W/DRIVE GEAR & PINION - 9N, 2N, 8N



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DIFFERENTIAL ASSEMBLY W/DRIVE GEAR & PINION - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
18		BB4626D	BTW 01/39 & 12/52	1	Race, Driving Pinion, Pilot Bearing
19		BB4627	BTW 01/39 & 12/52	1	Ring, Lock, Driving Pinion, Pilot Bearing
20		B4634	BTW 01/39 & 12/52	2	Nut, Lock, Drive Pinion, Gearing
21	1	B4636A	BTW 01/39 & 12/52	1	Washer, Lock, Rear Axle, Driving Pinion, Bearing Nut
22		BB4667	BTW 01/39 & 12/52	1	Washer, Thrust, Rear Axle, Drive Pinion Bearing
23	2	PL	BTW 01/39 & 12/52	12	Nut, Slotted, 7/16"-20

(1) No Longer Serviced

(2) Not illustrated

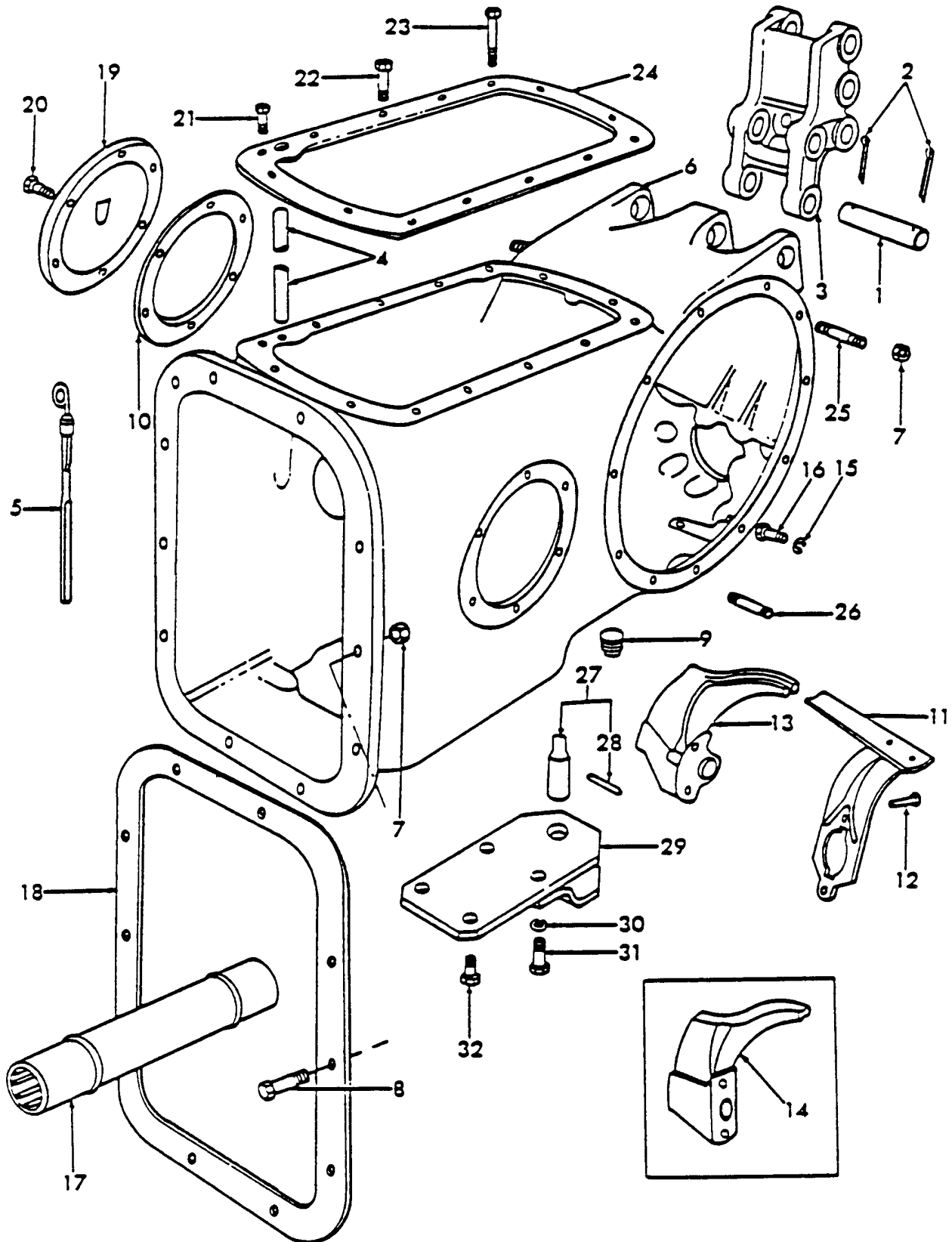
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CENTER HOUSING, ROCKER & RELATED PARTS - 9N, 2N, 8N



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CENTER HOUSING, ROCKER & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1, 2	8N486A	BTW 01/48 & 12/52	1	Pin, Hydraulic Lift Yoke, Includes: Decal 8N-902-A, 8N
1	3	8N486B	BTW 01/48 & 12/52	1	Pin, Hydraulic Lift Yoke, 8N
2		PL	BTW 01/48 & 12/52	2	Pin, Cotter, Yoke Pin to Rocker Arm, 1/8" x 1-3/8", 8N
3		NCA535A	BTW 01/39 & 12/52	1	Rocker, Hydraulic Lift
4	1	9N567	BTW 01/39 & 12/52	1	Tube, Hydraulic Lift Cylinder Inlet, Differential Housing, Oil
5		NAA927C	BTW 01/39 & 12/52	1	Indicator Assy., Oil Level, 9N (ASN 47507), 2N, 8N
5	1	NS	BTW 01/39 & 12/41	1	Indicator Assy., Oil Level, 9N (BSN 47508)
6		NS	BTW 01/39 & 12/52	1	Housing Assy., Rear Axle, Differential Center
7		PL	BTW 01/39 & 12/52	10	Nut, Hex, 7/16"-20
8		PL	BTW 01/39 & 12/52	10	Bolt, HH, Center Housing to Transmission, 7/16"- 20 x 1.58"
9		PL	BTW 01/39 & 12/52	1	Plug, Pipe, Extended Hd., Center Housing, Drain Plug, 1/2"
9A	1, 2, 4	8N4110	BTW 01/48 & 12/52	1	Bushing, Hydraulic Lift Rocker, Used W/8N486A Pin, 8N
10		9N4131	BTW 01/39 & 12/52	1	Gasket, Differential Center Housing, Side Cover
11		9N4150	BTW 01/39 & 12/52	1	Trough or Lubrication Assy., Rear Axle, Differential Bearing, Oil
12		PL	BTW 01/39 & 12/52	2	Rivet, Round Hd., Trough to Housing Wall, 1/4" x 1-1/4"
13	1	8N4194	BTW 01/48 & 12/52	1	Block, Rear Axle, Drive Gear Thrust, 8N
14		NLS	BTW 01/39 & 12/47	1	Block, Rear Axle, Drive Gear Thrust, 9N, 2N {9N4195}
15		PL	BTW 01/39 & 12/52	2	Washer, Lock, 3/8"
16		PL	BTW 01/39 & 12/52	2	Bolt, HH, Block to L.H. Axle Housing, 3/8"-16 x .87"
17		8N4602B	BTW 01/39 & 12/52	1	Coupling Assy., Transmission to Pinion
18		9N4662	BTW 01/39 & 12/52	1	Gasket, Center Housing to Transmission Case
19	1	9N7158C	BTW 01/39 & 12/52	1	Cover Assy., Center Housing, Side
20		PL	BTW 01/39 & 12/52	2	Bolt, HH, Cover to Center Housing, 7/16"-14 x .75"

- (1) No Longer Serviced
 (2) Used On & BSN 237337
 (3) Used On & ASN 237336
 (4) Not illustrated

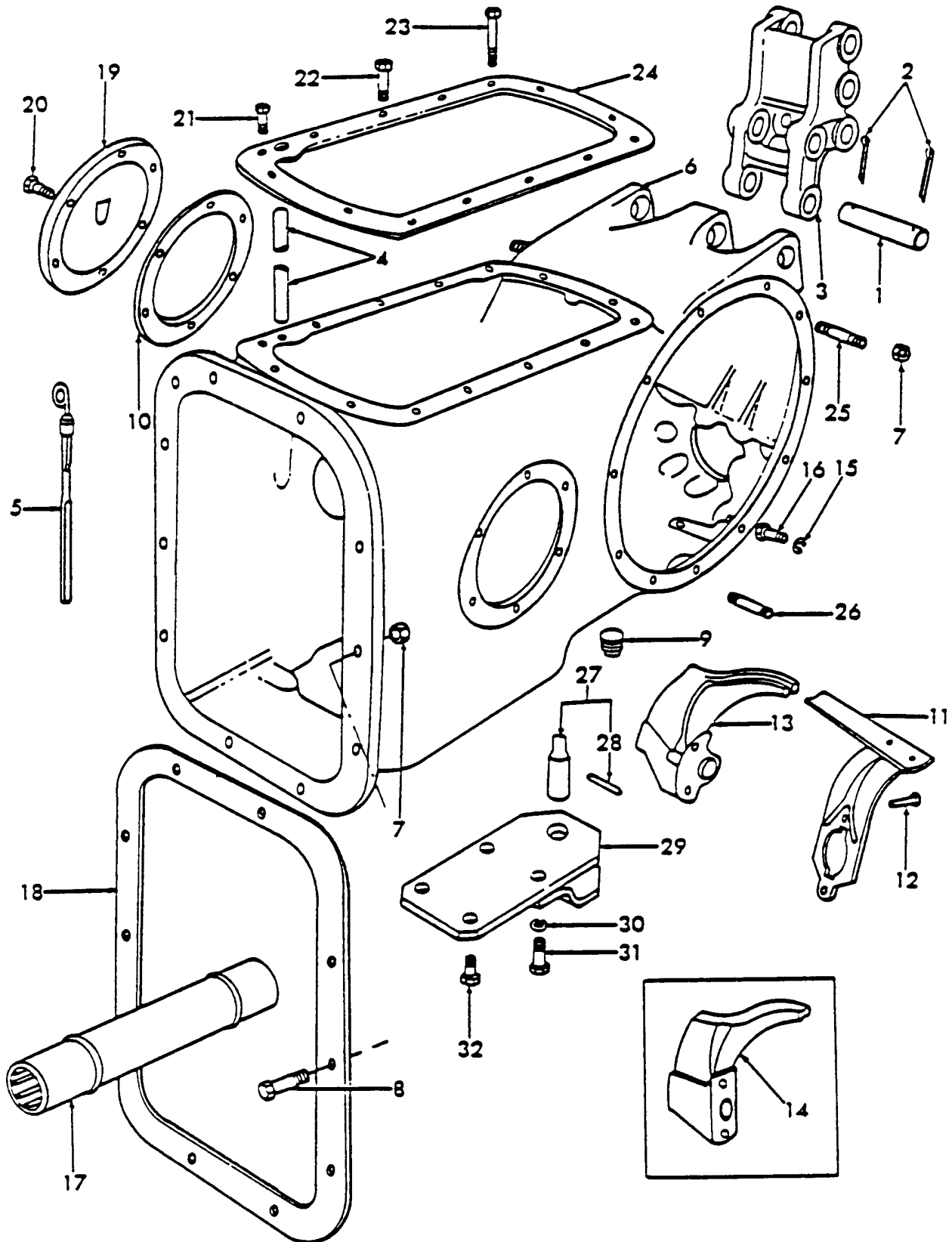
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CENTER HOUSING, ROCKER & RELATED PARTS - 9N, 2N, 8N



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CENTER HOUSING, ROCKER & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
20		PL	BTW 01/39 & 12/52	2	Bolt, HH, Brake Sector to Cover to Center Housing, 7/16"-14 x 1.12"
20		PL	BTW 01/48 & 12/52	2	Bolt, HH, 8N Running Board to Cover to Center Housing, 7/16"-14 x 1", 8N
21		PL	BTW 01/39 & 12/52	7	Bolt, Hex, 7/16"-14 x 1.50"
22		PL	BTW 01/39 & 12/52	3	Bolt, Hex, 7/16"-14 x 2.50"
23		PL	BTW 01/39 & 12/52	4	Bolt, Hex, 7/16"-14 x 3.75"
24		NAA502A	BTW 01/39 & 12/52	1	Gasket, Hydraulic Lift Cover
25		376425S36	BTW 01/39 & 12/52	21	Stud, 7/16"-14 x 20 x 1.86"
26		NLS	BTW 01/39 & 12/52	1	Stud, 7/16"-14 x 20 x 2.12" Differential Housing, Oil {357708S}
27		8N804	BTW 01/48 & 12/52	1	Pin Assy., Drawbar Clevis, Use W/8N802C, 8N
28		9N7221B	BTW 01/48 & 12/52	1	Pin, Gear Shift Lever, Used W/8N804
29	1	8N802C	BTW 01/48 & 12/52	1	Clevis Assy., Drawbar, 8N
29	1	NCA803B	BTW 01/48 & 12/52	AR	Clevis Assy., Drawbar, 8N
30		PL	BTW 01/48 & 12/52	2	Washer, Lock, 5/8", 8N
31		354391S8B	BTW 01/48 & 12/52	2	Bolt, Hex, 5/8"-11 x 1.75, 8N
32		354421S8B	BTW 01/48 & 12/52	2	Bolt, Hex, 5/8"-11 x 1.38
(1) No Longer Serviced					
					2N 9N 8N

SECTION INDEX

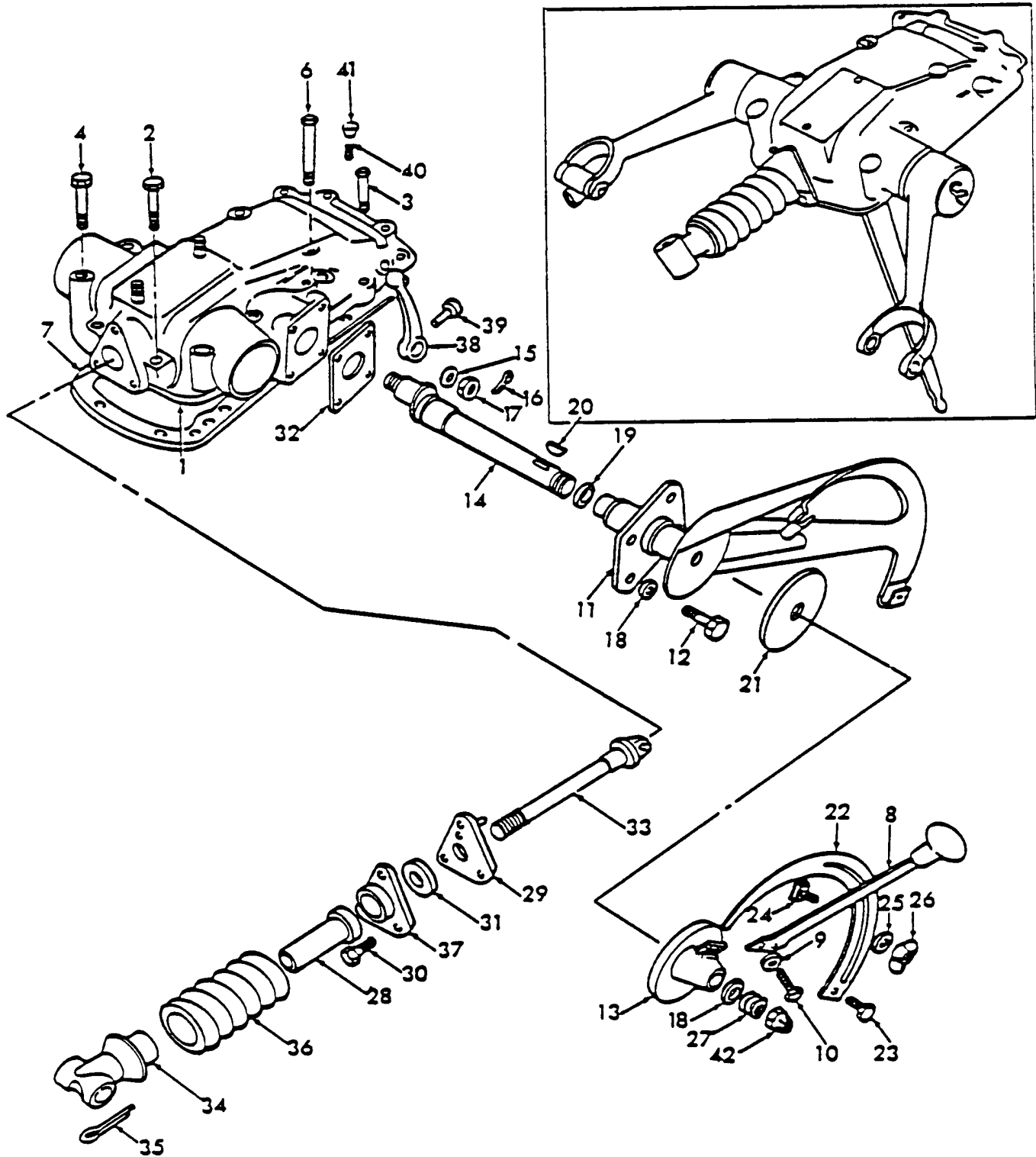
05A01	HYDRAULIC LIFT COVER & RELATED PARTS - 9N, 2N, 8N
05B01	HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N
05C01	HYDRAULIC LIFT LINKS & RELATED PARTS - 9N, 2N, 8N
05D01	LEVELING BOX ASSEMBLY & RELATED PARTS - 9N, 2N, 8N

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HYDRAULIC LIFT COVER & RELATED PARTS - 9N, 2N, 8N



HYDRAULIC LIFT COVER & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	NS	BTW 01/39 & 12/47	1	Cover, Hydraulic Lift, W/O Drawbar Control Lever 9N, 2N
1	2	8N501	BTW 01/48 & 12/52	1	Cover, Hydraulic Lift, W/O Drawbar Control Lever, 8N
2		PL	BTW 01/39 & 12/47	3	Bolt, HH, Cover to Housing, 7/16"-14 x 2.50", 9N, 2N
3		PL	BTW 01/39 & 12/52	7	Bolt, HH, Cover to Housing, 7/16"-14 x 1.50"
4		PL	BTW 01/39 & 12/52	4	Bolt, HH, Cover to Housing, 7/16"-14 x 3.62"
6	2	NLS	BTW 01/48 & 12/52	1	Bolt, HH, Cover to Housing, 7/16"-14 x 3.62", 8N {354288S8}
7		NAA502A	BTW 01/39 & 12/52	1	Gasket, Hydraulic Lift Cover
8		86604031	From 01/39	1	Lever Assy., Hydraulic Lift Control
9		PL	BTW 01/39 & 12/52	2	Washer, Lock, 1/4"
10		PL	BTW 01/39 & 12/52	2	Bolt, HH, Lever to Friction Plate, 1/4"-20 x 1-1/2"
11	2	9N515A3	BTW 01/39 & 12/47	1	Quadrant Assy., Hydraulic, 9N, 2N
11		NLS	BTW 01/48 & 12/52	1	Quadrant Assy., Hydraulic, 8N {8N515}
12		PL	BTW 01/39 & 12/52	4	Bolt, HH, Quadrant to Lift Cover, 7/16"-14 x 1"
13		NLS	BTW 01/39 & 12/52	1	Plate, Lift Control, Friction, Optional W/2N516A2 & 2N516B {2N516A1}
13		2N516A2	BTW 01/39 & 12/52	1	Plate, Lift Control, Friction, Optional W/2N516A1 & 2N516B
13		NLS	BTW 01/39 & 12/52	1	Plate, Lift Control, Friction, Optional W/2N516A1 & 2N516A2 {2N516B}
14	2	8N517	BTW 01/48 & 12/52	1	Shaft, Hydraulic Lift Control Lever, 8N
14	2	9N517	BTW 01/39 & 12/47	1	Shaft, Hydraulic Lift Control Lever, 9N, 2N
15		NLS	BTW 01/39 & 12/47	1	Washer, Flat, 3/8", 9N, 2N {351385S7}
16		PL	BTW 01/39 & 12/47	1	Pin, Cotter, 3/32" x 5/8", 9N, 2N
17		PL	BTW 01/39 & 12/52	1	Nut, Lock, Shaft to Lever & Friction Plate, 7/16"-20, 9N, 2N, 8N
18		PL	BTW 01/39 & 12/52	1	Washer, Flat, 7/16", 9N, 2N, 8N
19		351502S36	BTW 01/39 & 12/52	1	Washer, Flat, 5/8", 9N, 2N, 8N
20		PL	BTW 01/39 & 12/47	1	Key, Woodruff, 5/32" x 5/8", 9N, 2N
20A	3	PL	BTW 01/39 & 12/47	1	Pin, Cotter, 1/8" x 1", 9N, 2N
20B	3	PL	BTW 01/48 & 12/52	1	Nut, HH, Shaft to Control Valve Lever, 3/8"-24, 8N

- (1) Not Serviced
(2) No Longer Serviced
(3) Not illustrated

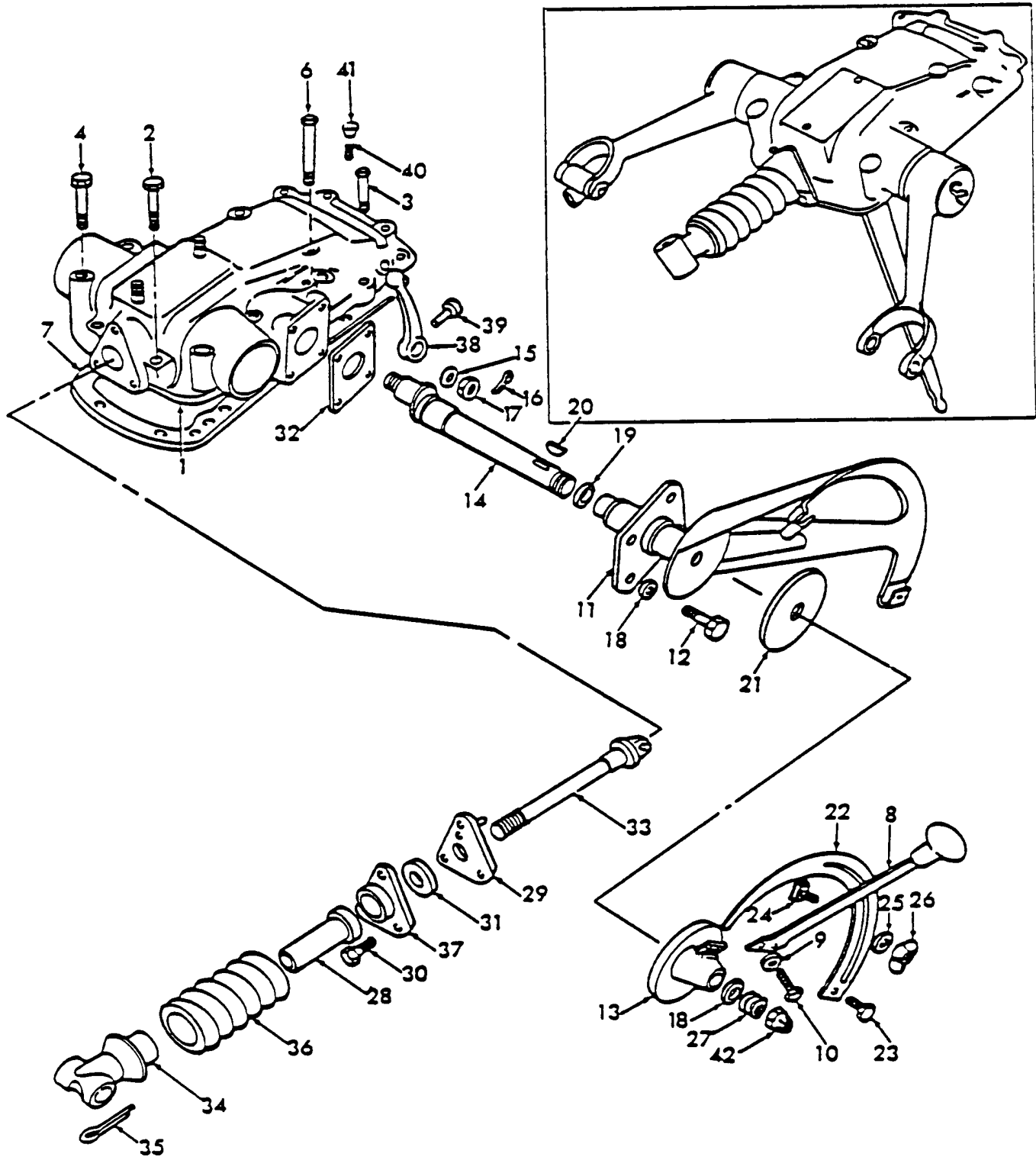
2N 9N 8N

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HYDRAULIC LIFT COVER & RELATED PARTS - 9N, 2N, 8N



HYDRAULIC LIFT COVER & RELATED PARTS - 9N, 2N, 8N

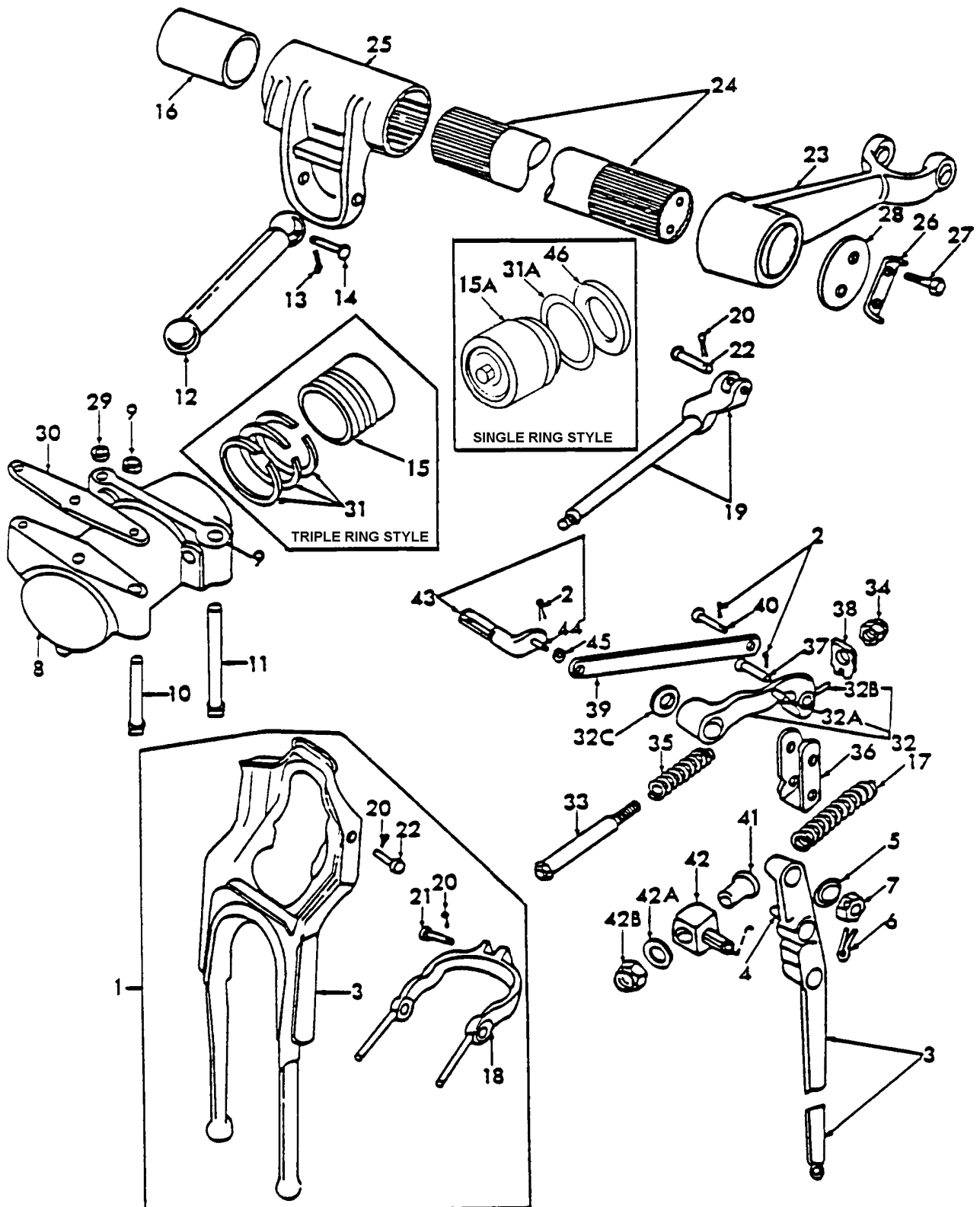
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21		C5NN518B	BTW 01/39 & 12/52	1	Disc, Lift Cover, Friction
22	1	9N520	BTW 01/39 & 12/52	1	Retainer, Lift Control, Lower
23		PL	BTW 01/39 & 12/52	2	Bolt, Retainer to Quadrant, 5/16"-18 x 3/8"
24		9N521	BTW 01/39 & 12/52	1	Stop Assy., Lift Lever
25		PL	BTW 01/39 & 12/52	1	Washer, Flat, 1/4"
26		350890ES36	BTW 01/39 & 12/52	1	Nut, Wing, Stop Assy. to Control Lever Return, 1/4"-28
27		E1ADDN522B	BTW 01/39 & 12/52	1	Washer, Control Lever to Shaft Spring
28		9N525B	BTW 01/39 & 12/52	1	Seat, Lift Draft Control Spring Adjuster
29		957E527	BTW 01/39 & 12/52	1	Plate, Hydraulic Lift Cover
30		PL	BTW 01/39 & 12/52	3	Bolt, HH, Plate to Cover, 7/16"-14 x 1.12"
31		E9N529	BTW 01/39 & 12/52	1	Felt, Hydraulic Lift, Draft Control, Spring Seat
32		9N532	BTW 01/39 & 12/52	1	Gasket, Quadrant to Lift Cover
33		8N541B	BTW 01/39 & 12/52	1	Plunger, Hydraulic Lift Draft Control, 5/8"-24
34	1	9N546C	BTW 01/39 & 12/52	1	Yoke, Control Spring, 5/8"-24, Use W/8N541B
35		PL	BTW 01/39 & 12/52	1	Pin, Cotter, 5/32" x 1"
36	1	9N547B	BTW 01/39 & 12/52	1	Spring, Lift, Draft Control
37		2N624	BTW 01/39 & 12/52	1	Support, Lift, Draft Control, Spring Seat
38	2	NS	BTW 01/48 & 12/52	1	Handle, Hydraulic Lift, Draw Bar Control, 8N
39	1	60160S	BTW 01/48 & 12/52	1	Rivet, Flat Hd, 3/16" x 1", Handle, Shaft to Arm , 8N
40		797234	BTW 01/48 & 12/52	1	Spring, Draw Bar, Control Arm, Mesh, 8N
41		747238F	BTW 01/48 & 12/52	1	Drawbar, Control Arm, Mesh, 8N
42		PL	BTW 01/48 & 12/52	1	Nut, Lock, Hex, 7/16"-20
(1) No Longer Serviced					
(2) Not Serviced					
					2N 9N 8N

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HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N



HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	NS	BTW 01/39 & 12/47	1	Fork Assy., Hydraulic Lift, Hand Control, 9N, 2N
2		PL	BTW 01/39 & 12/47	2	Pin, Cotter, 1/16" x 1/2", 9N, 2N
2		PL	BTW 01/39 & 12/47	2	Pin, Clevis, Top Fork to Bottom Fork, 1/4" x 1", 9N, 2N
2		PL	BTW 01/48 & 12/52	1	Pin, Cotter, 1/16" x 1/2", 8N
2		PL	BTW 01/48 & 12/52	1	Pin, Cotter, Arm to Link, 1/16" x 1/2", 8N
3	2	8N504	BTW 01/48 & 12/52	1	Lever Assy., Hydraulic Lift, Hand Control, 8N
3A	3	PL	BTW 01/48 & 12/52	1	Pin, Dowel, Used as Stop Lever, 3/8" x 1-3/4", 8N
4		PL	BTW 01/48 & 12/52	1	Pin, Clevis, Lever to Control Valve Link, 3/16" x 3/4", 8N
5	2	351385S8		AR	Washer, Flat, 3/8"
6		PL		AR	Pin, Cotter, 3/32" x 1"
7		PL	BTW 01/39 & 12/50	1	Nut, Hex, Slotted, Lever to Lever Shaft, 3/8"-24
8		9N510D	BTW 01/39 & 12/52	1	Cylinder, Hydraulic Lift
9		PL	BTW 01/39 & 12/52	4	Nut, Hex, 7/16"-20
10		PL	BTW 01/39 & 12/52	2	Bolt, Square Hd., Cylinder to Lift Cover, 7/16"-20 x 3.32"
11	2	350802S8	BTW 01/39 & 12/52	2	Bolt, Square Hd., Cylinder to Lift Cover, 7/16"-20 x 5"
12		86563314	BTW 01/39 & 12/52	1	Rod, Hydraulic Lift, Connecting
13		PL	BTW 01/39 & 12/52	1	Pin, Cotter, 1/8" x 1/2"
14		PL	BTW 01/39 & 12/52	1	Pin, Clevis, Connecting Rod to Ram Arm, 5/16" x 2-1/8"
15	2	9N530B	BTW 01/39 & 12/52	1	Piston, Three Ring
15A		NAA530B	BTW 01/39 & 12/52	1	Piston, Hydraulic Lift, Single Ring
16		9N531C	BTW 01/39 & 12/52	2	Bushing, Hydraulic Lift Shaft
17		PL	BTW 01/39 & 12/47	1	Spring, Draft Control, 9N, 2N
17	2	8N539B	BTW 01/48 & 12/52	1	Spring, Draft Control, 8N
18	2	9N540	BTW 01/39 & 12/47	1	Fork, Spring Control, 9N, 2N
19		8N540A2	BTW 01/48 & 12/52	1	Link Assy., & Fork, Draft Control, Connecting, 8N
20		PL	BTW 01/39 & 12/52	1	Pin, Cotter, 1/8" x 5/8"
21		PL	BTW 01/39 & 12/47	1	Pin, Clevis, Fork to Fork, 3/8" x 1.25", 9N, 2N
22		352594S	BTW 01/39 & 12/52	1	Pin, Clevis, Fork to Plunger, 3/8" x 1.44"
23		9N543B	BTW 01/39 & 12/52	2	Arm, Hydraulic Lift Shaft

- (1) Not Serviced
(2) No Longer Serviced
(3) Not illustrated

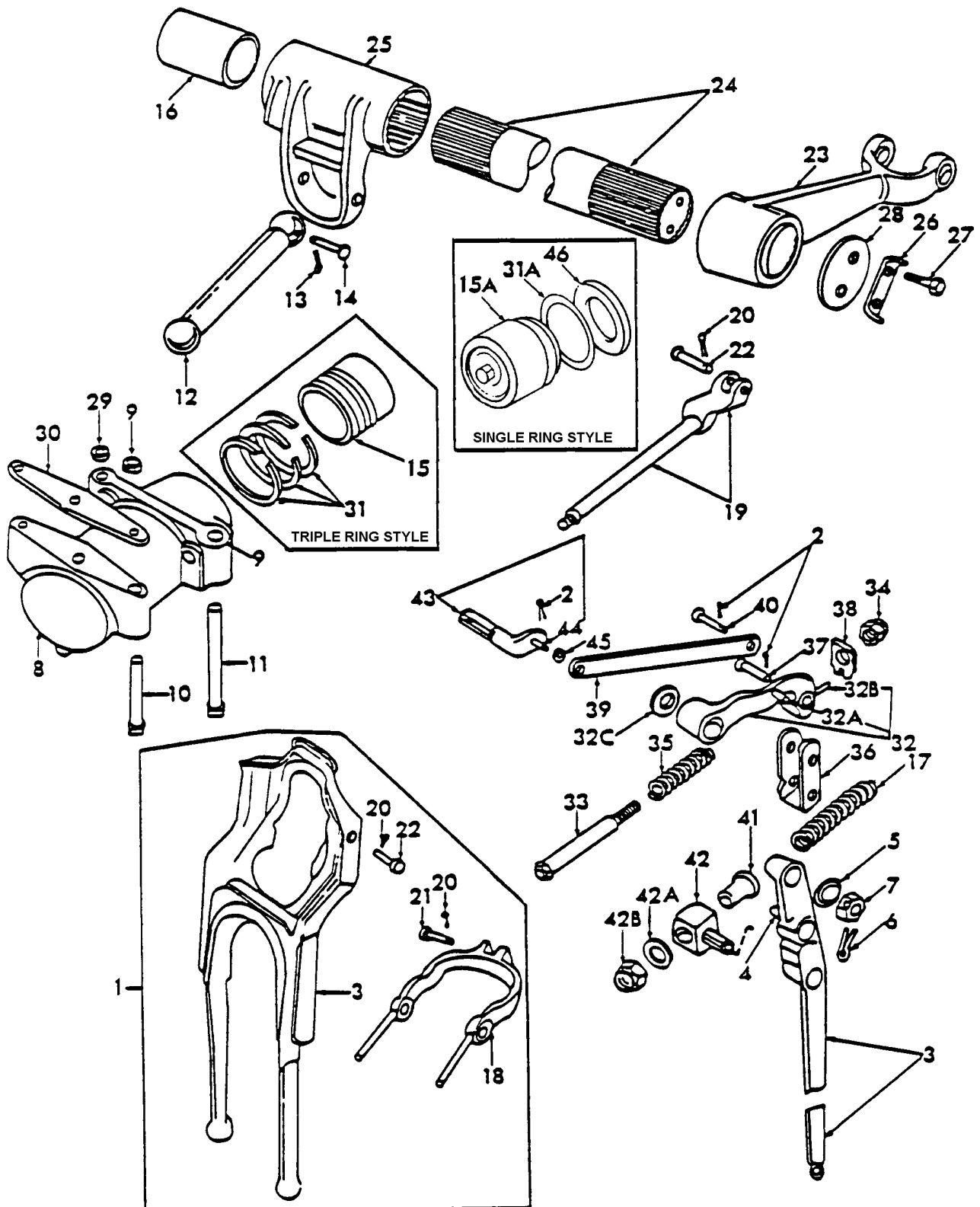
2N 9N 8N

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HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N



HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
24		NCA544B	BTW 01/39 & 12/52	1	Shaft, Hydraulic Lift
25	1	D4NN545A	BTW 01/39 & 12/47	1	Arm, Hydraulic Lift Ram, 9N, 2N
25	1	8N545B	BTW 01/46 & 12/52	1	Arm, Hydraulic Lift Ram, 8N
26	1	9N550	BTW 01/39 & 12/52	2	Washer, Arm to Shaft, Lockwasher Special
27		PL	BTW 01/39 & 12/52	4	Bolt, HH, Washer to Shaft, 7/16"-20 x 1-1/16"
28		9N551	BTW 01/39 & 12/52	2	Washer, Arm to Shaft
29		9N552	BTW 01/39 & 12/52	2	Gasket, Cylinder to Center Housing Cover, 15/32" ID - 1" OD
30		9N553	BTW 01/39 & 12/52	1	Gasket, Hydraulic Lift, 4.12" in Length
30A	2	PL	BTW 01/48 & 12/52	AR	Spacer, Hydraulic Lift, Ram Arm to Bushing, 8N
30B	1, 2	NCA671A	BTW 01/39 & 12/52	2	Bolt, Hydraulic Lift Arm, Mounting, Used W/NAA-530-B Used W/NCA544B Only
31		86551101	BTW 01/39 & 12/52	1	Kit, Ring, for 3 Ring Piston, 9N, 2N, 8N
31A		235760		AR	O-Ring, 2.100" ID x .210" Thk, Used W/NAA530B (#15)
32		8N680	BTW 01/48 & 12/52	1	Arm Assy., Drawbar Control, 8N
32A		374072S	BTW 01/48 & 12/52	1	Pin, Dowel, 5/16" x 7/8", Used on Arm Assy., 8N
32B		73344S18	BTW 01/48 & 12/52	1	Pin, Dowel, 3/16" x 1-3/8", Used on Arm Assy., 8N
32C		351502S36		AR	Washer, Flat, 5/8"
33	1	8N683	BTW 01/48 & 12/52	1	Rod, Hydraulic Lift Position, 8N
34		34420S7	BTW 01/48 & 12/52	1	Nut, Lock, Rod to Arm Assy., 3/8"-24, 8N
35	1	8N684	BTW 01/48 & 12/52	1	Spring, Drawbar Control, 8N
36	1	8N685	BTW 01/48 & 12/52	1	Cam, Drawbar Control, 8N
37		73924S36	BTW 01/48 & 12/52	1	Pin, Clevis, 1/4" x 3/16", Cam to Arm Assy., 8N
38	1	8N689	BTW 01/48 & 12/52	1	Plate, Drawbar, Control Cam, 8N
39	1	8N690	BTW 01/48 & 12/52	1	Link, Drawbar Control, 8N
40		PL	BTW 01/48 & 12/52	1	Pin, Clevis, Link to Arm, 1/4" x 1-5/16", 8N
41	1	8N691	BTW 01/48 & 12/52	1	Bushing, Draft Control, 8N
42	1	8N692	BTW 01/48 & 12/52	1	Swivel, Draft Control
42A		PL		AR	Washer, Flat, 5/16"
42B		PL		AR	Nut, Hex, Lock, 5/16"-24
43	1	8N693	BTW 01/48 & 12/52	1	Arm Assy., Drawbar Control, 8N
44		352648S	BTW 01/48 & 12/52	1	Pin, 1/4" x 5/8", Used in Arm Assy., 8N

(1) No Longer Serviced

(2) Not illustrated

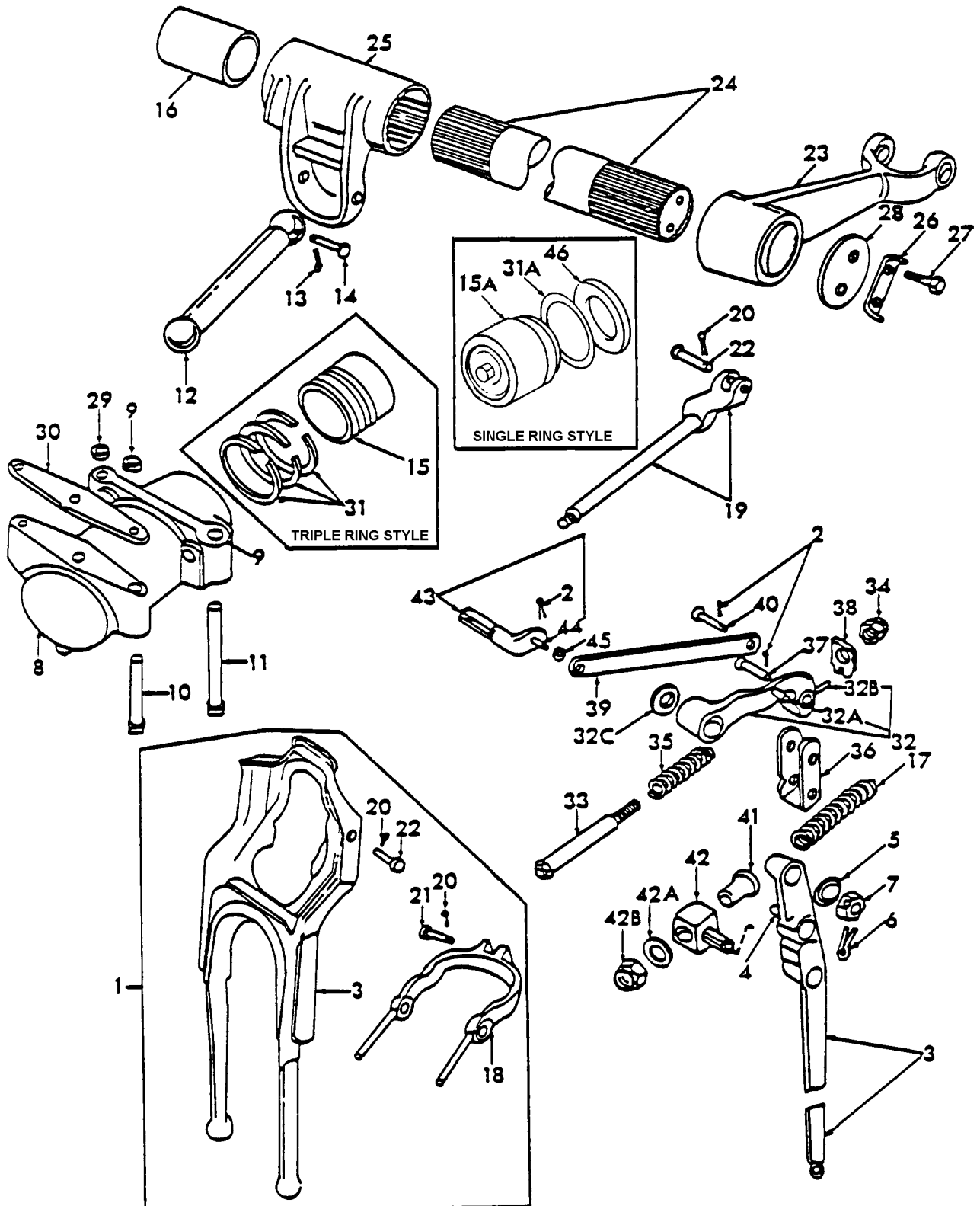
2N 9N 8N

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HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N



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HYDRAULIC LIFT SHAFT & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
45		PL	BTW 01/48 & 12/52	1	Washer, Flat, 1/4", 8N
46		NAA473A	BTW 01/39 & 12/52	1	Ring, Hydraulic Lift, Piston Seal Backup, Used W/NAA530B

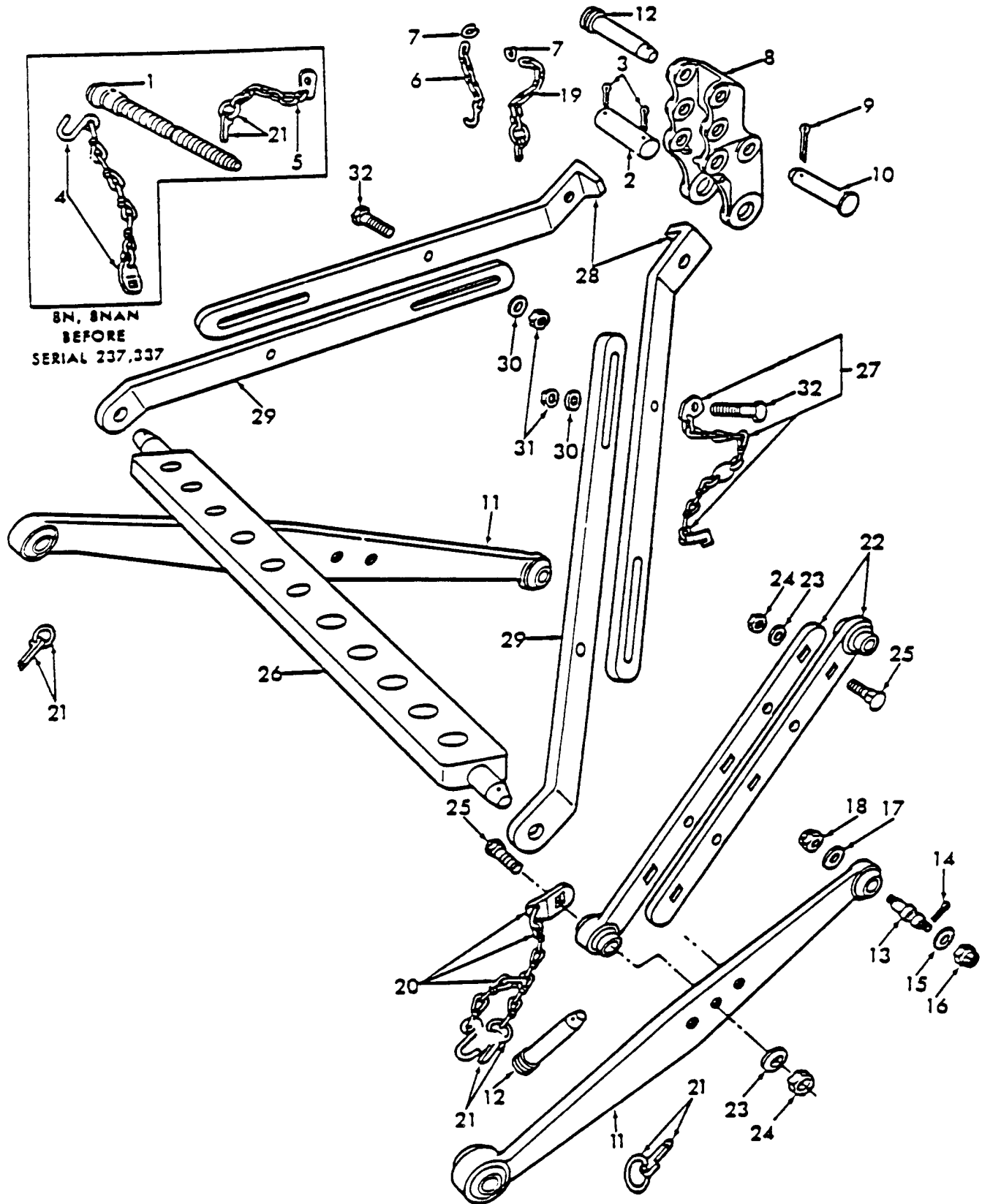
2N 9N 8N

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HYDRAULIC LIFT LINKS & RELATED PARTS - 9N, 2N, 8N



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HYDRAULIC LIFT LINKS & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	8N486A	BTW 01/48 & 12/52	1	Pin, Hydraulic Lift Yoke, 8N, Includes: Decal 8N902A
2		8N486B	BTW 01/48 & 12/52	1	Pin, Hydraulic Lift Yoke, 8N
3		PL	BTW 01/48 & 12/52	2	Pin, Cotter, Yoke Pin to Rocker Arm, 1/8" x 1-3/8", 8N
4	1	8N494	BTW 01/48 & 12/52	1	Chain Assy., Center Housing to Yoke, Pin Hd., 8N
5	2	8N497	BTW 01/48 & 12/52	1	Chain Assy., Center Housing to Yoke, Pin Hd., 8N
6	2	9N505	BTW 01/39 & 12/52	1	Eye & Chain Assy., Upper Link Pin, Front
7	2	9N508B	BTW 01/39 & 12/52	2	Anchor, Hydraulic Lift, Upper Link & Linch Pin Chain W/Old Upper Link
8		NCA535A	BTW 01/39 & 12/52	1	Rocker, Hydraulic Lift, 9N, 2N, 8N
9		PL		1	Pin, Cotter, 5/32" x 1"
10		86521836	BTW 01/39 & 12/52	1	Pin, Clevis, Rocker to Yoke, 3/4" x 3.14
11		9N555B	BTW 01/39 & 12/52	2	Link Assy., Hydraulic Lower Lift
12		957E560	BTW 01/39 & 12/52	2	Pin, Drawbar, Upper Link
12A	3	PL	BTW 01/39 & 12/47	1	Stud, Screw, Plate & Gasket to Housing, 7/16" - 14-20 x 1.75", 9N, 2N
13		NCA563C	BTW 01/48 & 12/52	2	Shaft, Lower Link Support, 8N
14		72053S8	BTW 01/48 & 12/52	2	Pin, Split Cotter, 1/8" x 1-1/4", 8N
15		354553S	BTW 01/48 & 12/52	2	Washer, Flat, .813 ID x 1.33 OD, 8N
16		351129S	BTW 01/48 & 12/52	2	Nut, Castle, Shaft to RH & LH, Rear Axle Housing, 3/4"-16, 8N
17		351505S8	BTW 01/48 & 12/52	2	Washer, Flat, 5/8", 8N
18		55757S7	BTW 01/48 & 12/52	2	Nut, Lock, Shaft to Lower Links, 5/8"-18, 8N
19	2	9N573B	BTW 01/39 & 12/52	1	Chain, Link Pin & Linch Pin
20	2	9N588	BTW 01/39 & 12/52	1	Chain Assy., Upper Link pin, Rear Used Only W/2N-666-B Link
21		2N609	BTW 01/39 & 12/52	AR	Linch Pin & Locking Ring Assy.
22	2	2N666B	BTW 01/39 & 12/52	2	Link Assy., Hydraulic Lift Control, Upper Halves
23		356420S8	BTW 01/39 & 12/52	3	Washer, Flat, .45" ID x 1" OD x .18"
24		PL	BTW 01/39 & 12/52	3	Nut, Hex, 7/16"-20
25	2	355729S8	BTW 01/39 & 12/52	3	Bolt, Carriage, Attach Halves Together, 7/16"-20 x 1.62"
26		251006F	BTW 01/39 & 12/52	1	Drawbar, Used W/9N5374 & 9N5375

(1) Used On & BSN 237337

(2) No Longer Serviced

(3) Not illustrated

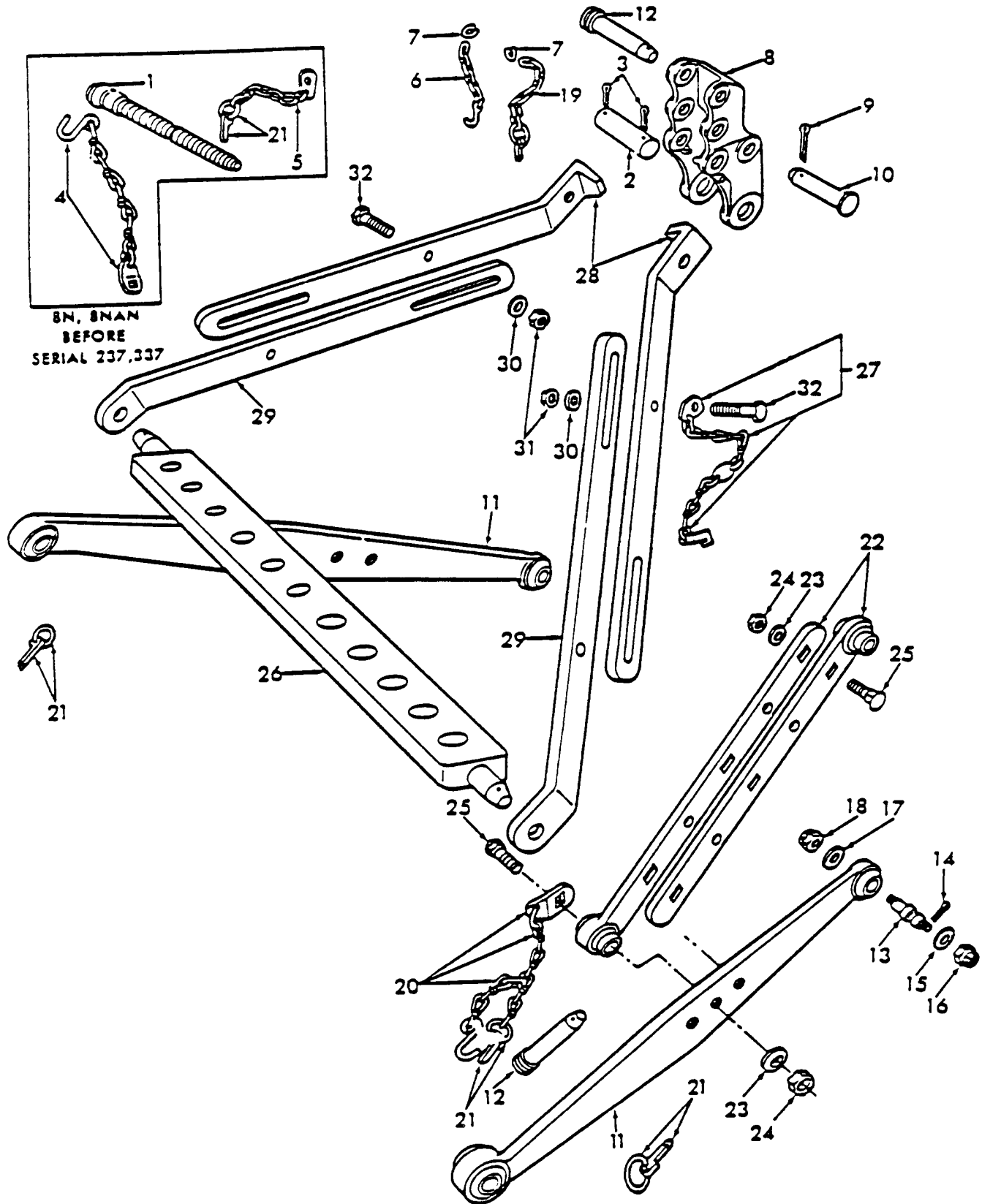
2N 9N 8N

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HYDRAULIC LIFT LINKS & RELATED PARTS - 9N, 2N, 8N



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HYDRAULIC LIFT LINKS & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27		NCA5370A	BTW 01/39 & 12/52	1	Chain Assy., Drawbar Safety, Used W/9N5182, 9N5374 & 9N5375
28		C5NNC831A	BTW 01/39 & 12/52	2	Stay, Drawbar, Upper, Used W/F251006
29		C5NNC832A	BTW 01/39 & 12/52	2	Stay, Drawbar, Lower, Used W/F251006
30		351428S8	BTW 01/39 & 12/52	4	Washer, Flat, 7/16"
31		PL	BTW 01/39 & 12/52	4	Nut, Hex, 7/16"-20
32		PL	BTW 01/39 & 12/52	4	Bolt, Upper to Lower Stays, 7/16"-20 x 1.12"
33	1	C0NN808A			Decal, Drawbar Instruction

(1) Not illustrated

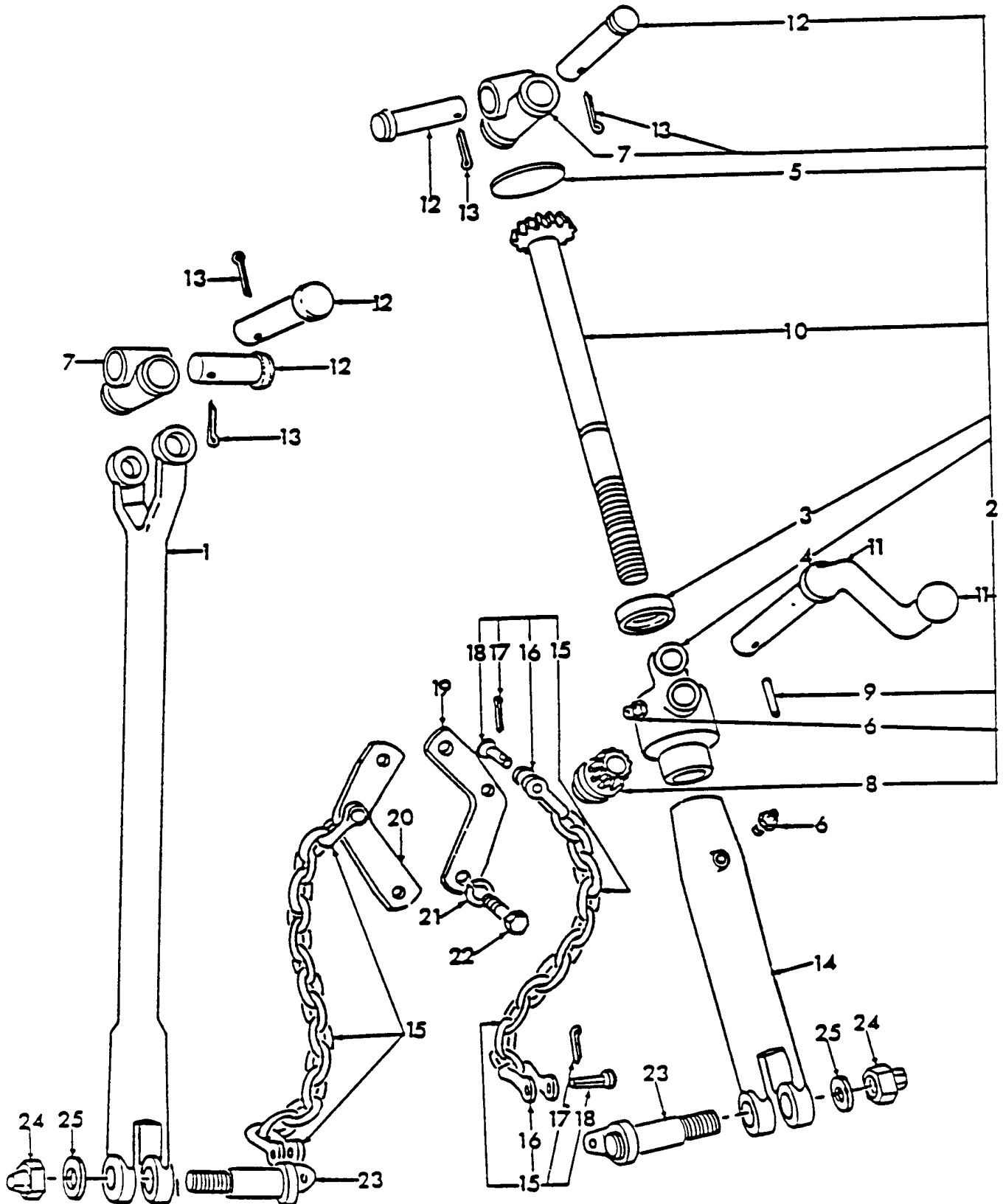
2N 9N 8N

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LEVELING BOX ASSEMBLY & RELATED PARTS - 9N, 2N, 8N



LEVELING BOX ASSEMBLY & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	¹	9N564B	BTW 01/39 & 12/52	1	Rod Assy., Hydraulic Lift, Leveling, LH
2	²	NCA577A	BTW 01/39 & 12/52	1	Box Assy., Hydraulic Lift, Leveling, LH, L/Fork
3		957E554B	BTW 01/39 & 12/52	1	Bearing Assy., Hydraulic Lift, Leveling Gear
4		C5NN565C	BTW 01/39 & 12/52	1	Box, Hydraulic Lift, Leveling Gear
5		74127S	BTW 01/39 & 12/52	1	Plug, Expansion, 1-3/4"
6		87414	BTW 01/39 & 12/52	1	Nipple, Lube, Straight, 1/4"-28
7		957E566	BTW 01/39 & 12/52	1	Knuckle, Hydraulic Lift, Leveling Box to Lift Arm
7		957E566	BTW 01/39 & 12/52	1	Knuckle, Hydraulic Lift, Rod to Lift Arm
8		B9NN568A	BTW 01/39 & 12/52	1	Gear, Hydraulic Lift, Leveling Lever, Use W/NCA-579-B When Used W/9N569 in 9N, 2N, & 8N
9		87336	BTW 01/39 & 12/52	1	Pin, Roll, 3/16" x 7/8", Gear to Lever
10		NCA579B	BTW 01/39 & 12/52	1	Gear, Leveling, Hydraulic Lift, Used W/8N568 When Used W/8N569 in 9N, 2N & 8N
11		9N594	BTW 01/39 & 12/52	1	Lever, Hydraulic Lift Leveling
12		9N595	BTW 01/39 & 12/52	2	Pin, Hydraulic Lift Fork Leveling, Leveling Box to Lift Arm, .620" x 3.37"
12		9N595	BTW 01/39 & 12/52	4	Pin, Hydraulic Lift Fork, Leveling, Rod to Lift Arm, .620" x 3.37"
13		PL	BTW 01/39 & 12/52	4	Pin, Cotter, Pin to Knuckle, 1/8" x 1"
14		EC0N585A	BTW 01/39 & 12/52	1	Fork, Hydraulic Lift, Leveling Rod, RH
15		CBPN598A	BTW 01/39 & 12/52	2	Kit, Chain & Clevis, Drawbar Link Chain, Includes: Chain & Ref. 16 thru 18
16		FP165	BTW 01/39 & 12/52	1	Kit, Clevis, Replaces APN582A, Includes: Clevis & Ref. 17 & 18
17		PL	BTW 01/39 & 12/52	4	Pin, Cotter, 1/8" x 5/8"
18		354493S8	BTW 01/39 & 12/52	4	Pin, Clevis to Eyebolts or Bolts & to Chain Anchor or Hangers, 5/16" X 1.18"
19		957E596	BTW 01/39 & 12/52	1	Anchor, Drawbar Link Check Chain, RH
20		957E597	BTW 01/39 & 12/52	1	Anchor, Drawbar Link Check Chain, LH
21		PL	BTW 01/39 & 12/52	4	Washer, Lock, 7/16"
22		PL	BTW 01/39 & 12/52	4	Bolt, HH, Anchor to Center Housing, 7/16"-14 x 1.50"
23		EC0N660A	BTW 01/39 & 12/52	2	Eyelet Assy., Check Chain, Used W/34451S7 Nut
24		55700S7	BTW 01/39 & 12/52	2	Nut, Hex, 9/16"-18

(1) R/B MULTIBLES: ECON-585-A FORK 957E-673 ROD ASSY.

(2) Order Components

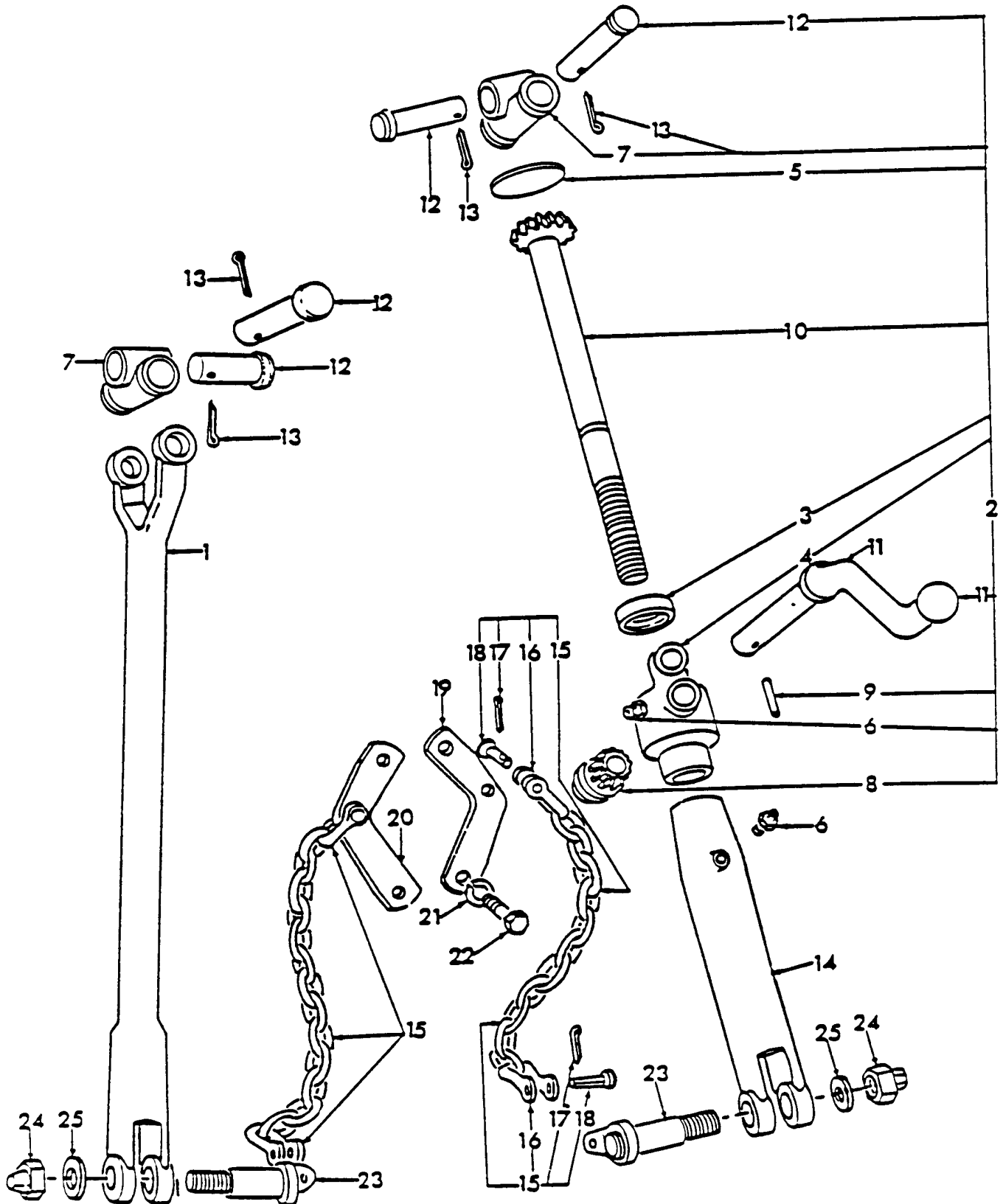
2N 9N 8N

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LEVELING BOX ASSEMBLY & RELATED PARTS - 9N, 2N, 8N



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LEVELING BOX ASSEMBLY & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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25		351090ES36	BTW 01/39 & 12/52	2	Nut, Lock, 7/16"-20
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SECTION INDEX

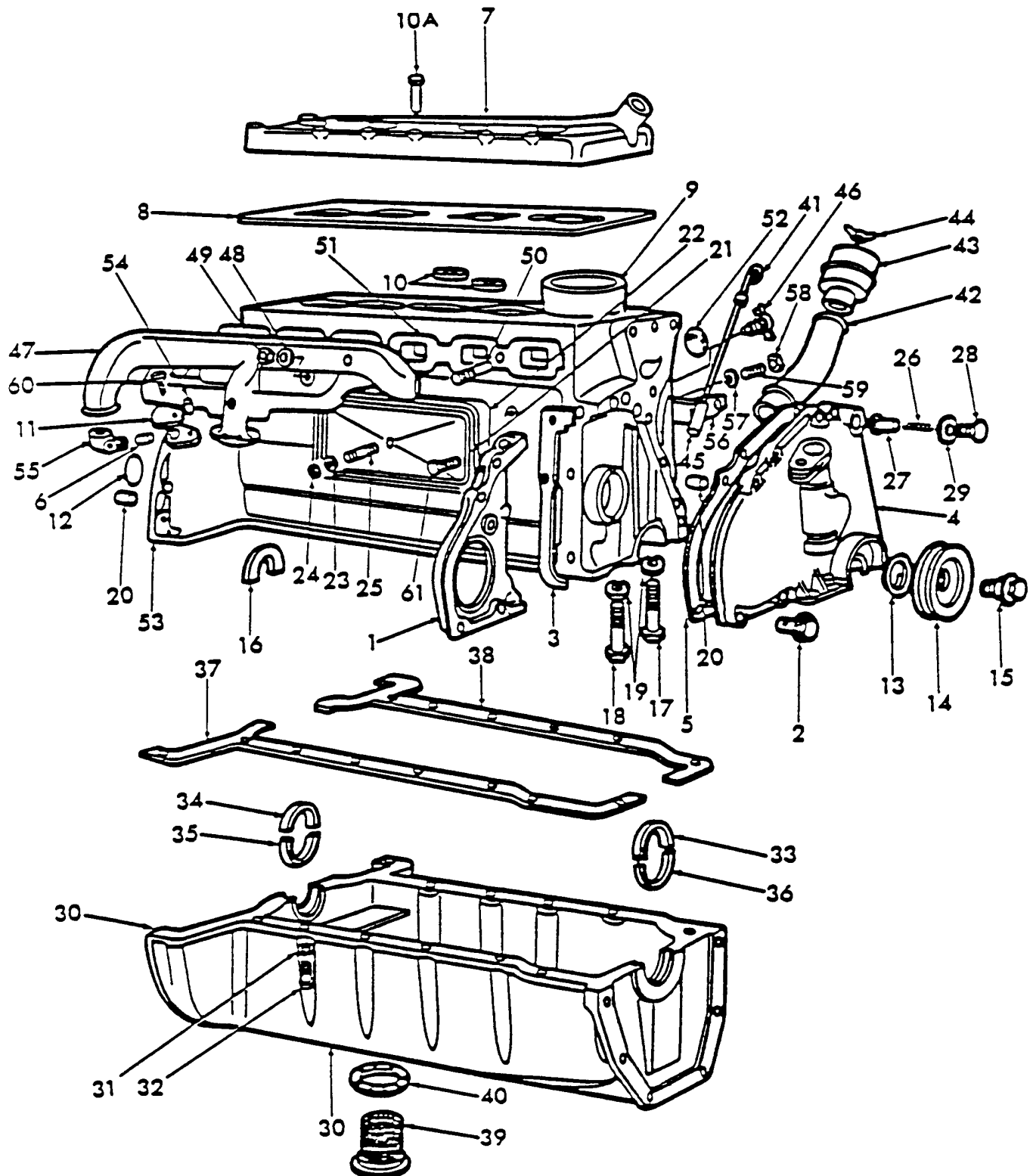
06B01	ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N
06B01A	ENGINE OVERHAUL KITS - 9N, 2N, 8N
06C01	ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N
06D01	MUFFLER ASSEMBLY & RELATED PARTS - 9N, 2N, 8N
06E01	OIL FILTER, OIL GAUGE & RELATED PARTS - 9N, 2N, 8N
06F01	MANIFOLD ASSEMBLY, KEROSENE TYPE - 9N, 2N, 8N
06G01	GOVERNOR & RELATED PARTS - 9N, 2N, 8N

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ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N



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ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1, 2	9N6017	BTW 01/39 & 12/52	1	Cover, Cylinder, Timing Gear, Side
1	1, 3	8N6017B	BTW 01/48 & 12/52	1	Cover, Cylinder, Timing Gear, Side, Used W/8N6019B & 8N6020C or 8N6020D
2		PL	BTW 01/39 & 12/52	3	Screw & Lockwasher Assy., Front Cover to Side Cover, HH, 3/8"-16 x 1-3/8"
2		PL	BTW 01/39 & 12/52	3	Bolt, HH, Cylinder Front Cover to Cylinder Side
3		8N6018	BTW 01/39 & 12/52	1	Gasket, Cylinder, Timing Gear, Side
4	1, 2	9N6019B	BTW 01/39 & 12/52	1	Cover, Cylinder Front, Front
4	3	8N6019B	BTW 01/48 & 12/52	1	Cover, Cylinder Front, Front, Aluminum Alloy, 8N Washer, Lock, 3/8"
4A	4	PL	BTW 01/39 & 12/52	5	Bolt, HH, Cylinder Front Cover to Engine, 3/8"-16 x 1"
4B	4	PL	BTW 01/39 & 12/52	1	Bolt, HH, Cylinder Front Cover to Engine, 3/8"-16 x 1-3/16"
5	2	9N6020A	BTW 01/39 & 12/52	1	Gasket, Front Cover, .009"/.011"
5	3	8N6020C	BTW 01/48 & 12/52	1	Gasket, Front Cover, .009"/.011"
6	3	PL	BTW 01/48 & 12/52	1	Pin, Timing
7		8N6050A	BTW 01/39 & 12/52	1	Head, Cylinder
8		8N6051A	BTW 01/39 & 12/52	1	Gasket, Cylinder Hd.
9		86531518	BTW 01/39 & 12/52	4	Sleeve, Cylinder Block, Thin Sleeve, 3.269 OD
9		A8NN6055A	BTW 01/39 & 12/52	4	Sleeve, Cylinder Block, Finished Sleeve, 3.3689 OD
9		8N6055B	BTW 01/39 & 12/52	4	Sleeve, Cylinder Block, 3.3667 OD
10	1	406057A	BTW 01/39 & 12/52	4	Insert, Valve Seat, Intake
10		406057B	BTW 01/39 & 12/52	4	Insert, Valve Seat, Intake
10		526057B	BTW 01/39 & 12/52	4	Insert, Valve Seat, Exhaust, Standard
10	1	526057D	BTW 01/39 & 12/52	4	Insert, Valve Seat, Exhaust, .020" O/S
10A		8N6065A	BTW 01/39 & 12/52	18	Bolt, Cylinder Hd.
11	1, 3	8N6087	BTW 01/48 & 12/52	1	Cover, Timing Pin
11	3	PL	BTW 01/48 & 12/52	1	Screw, Pan Hd., Timing Pin Cover to Cylinder Block, 5/16"-18 x 5/16"
12	1	91A6266	BTW 01/39 & 12/52	1	Seal, Camshaft Rear Bearing
13		406310A	BTW 01/39 & 12/52	1	Slinger, Crankshaft Oil

- (1) No Longer Serviced
 (2) Used On & BSN 263844
 (3) Used On & ASN 263843
 (4) Not illustrated

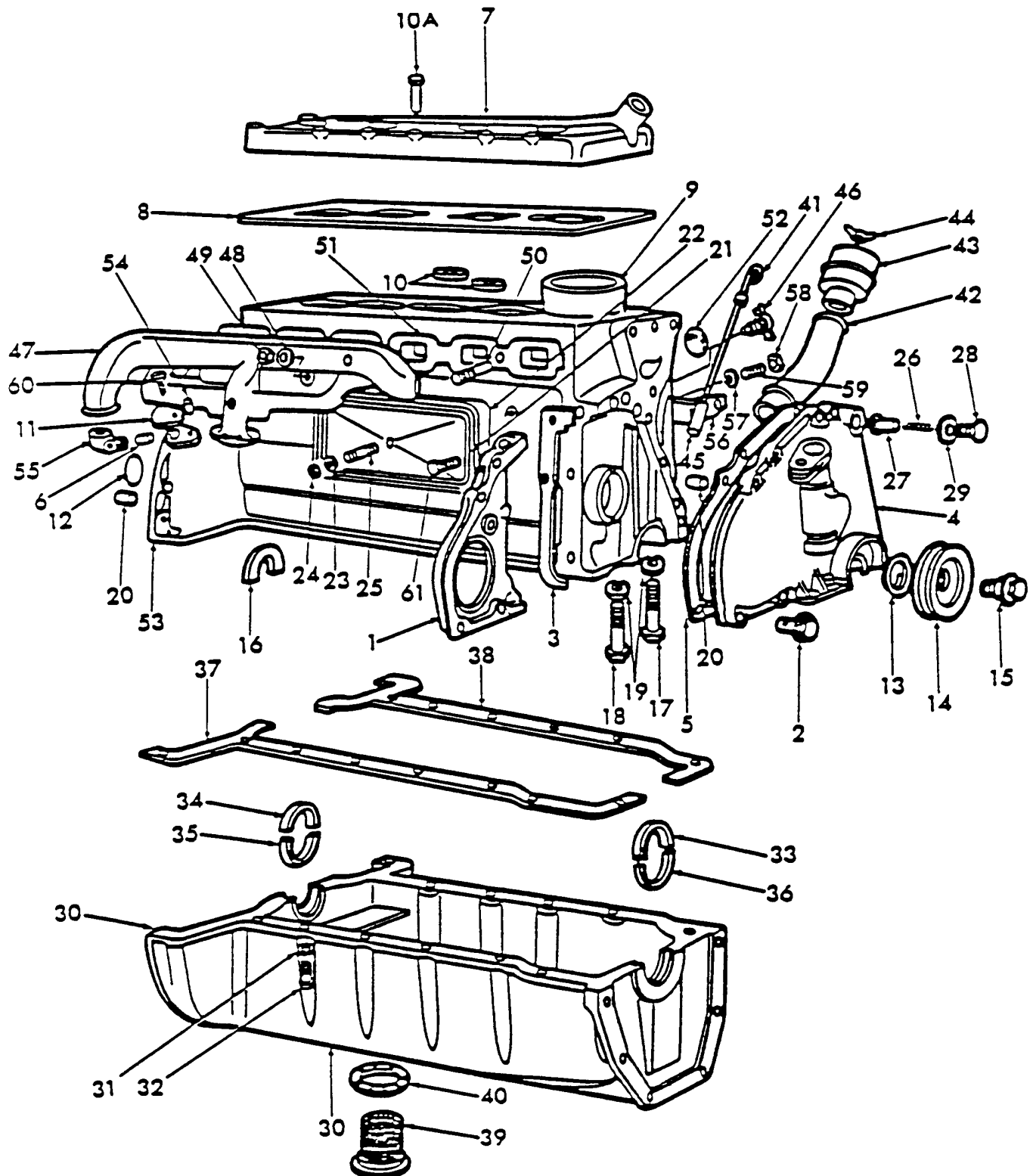
2N 9N 8N

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ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N



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ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
14		2N6312	BTW 01/39 & 12/52	1	Pulley Assy., Crankshaft
15	1	2N6319A1	BTW 01/39 & 12/52	1	Ratchet, Crankshaft
16	1	91A6335	BTW 01/39 & 12/52	1	Retainer, Rear Bearing, Oil Seal
17		20987	BTW 01/39 & 12/52	5	Screw, Cap, HH, G8, 1/2"-13 x 2-1/2", Main Bearing Cap
18	1	8N6346A	BTW 01/39 & 12/52	1	Bolt, Main Bearing Cap
19		PL	BTW 01/39 & 12/52	AR	Washer, Lock, 1/2"
20	1	186397	BTW 01/39 & 12/52	4	Pin, Dowel, Cover to Block/Block to Transmission
21	1	7HA6520	BTW 01/39 & 12/52	2	Cover, Valve Chamber
22		7HA6521	BTW 01/39 & 12/52	2	Gasket, Valve Chamber
23		PL	BTW 01/39 & 12/52	2	Washer, Flat, 5/16"
24		PL	BTW 01/39 & 12/52	2	Nut, Hex, 5/16"-18
25		PL	BTW 01/39 & 12/52	2	Stud, Chamber Cover, 5/16"-18-24 x 3
26		9N6654	BTW 01/39 & 12/52	1	Spring, Oil Relief Valve
27		01A6663	BTW 01/39 & 12/52	1	Plunger, Oil Relief Valve
28	1	686666	BTW 01/39 & 12/52	1	Nut, Oil Relief Valve
29		1GA6669	BTW 01/39 & 12/52	1	Gasket, Oil Relief Valve Nut
30	2	NS	BTW 01/39 & 12/52	1	Pan Assy., Engine Oil
31		PL		AR	Washer, Lock, 5/16"
32		PL		AR	Bolt, HH, Oil Pan to Cylinder Block, 5/16"-18 x 7/8"
33		8N6700	BTW 01/39 & 12/52	1	Crankshaft, Seal or Packing, W/10" Single Clutch, Upper Front, Green
34		8N6701	BTW 01/39 & 12/52	1	Crankshaft, Seal or Packing, W/10" Single Clutch, Upper Rear, Green
35		8N6702	BTW 01/39 & 12/52	1	Crankshaft, Seal or Packing, W/10" Single Clutch, Lower Rear, Red
36		8N6707	BTW 01/39 & 12/52	1	Crankshaft, Seal or Packing, W/10" Single Clutch, Lower Front, Red
37		8N6710	BTW 01/39 & 12/52	1	Gasket, Oil Pan, RH
38		8N6711	BTW 01/39 & 12/52	1	Gasket, Oil Pan, LH
39		9N6730	BTW 01/39 & 12/52	1	Plug & Screen Assy., Oil Pan Drain
40		8N6734	BTW 01/39 & 12/52	1	Gasket, Oil Pan, Drain Plug
41		B2NN6750A	BTW 01/39 & 12/52	1	Indicator, Oil Level

(1) No Longer Serviced

(2) Not Serviced

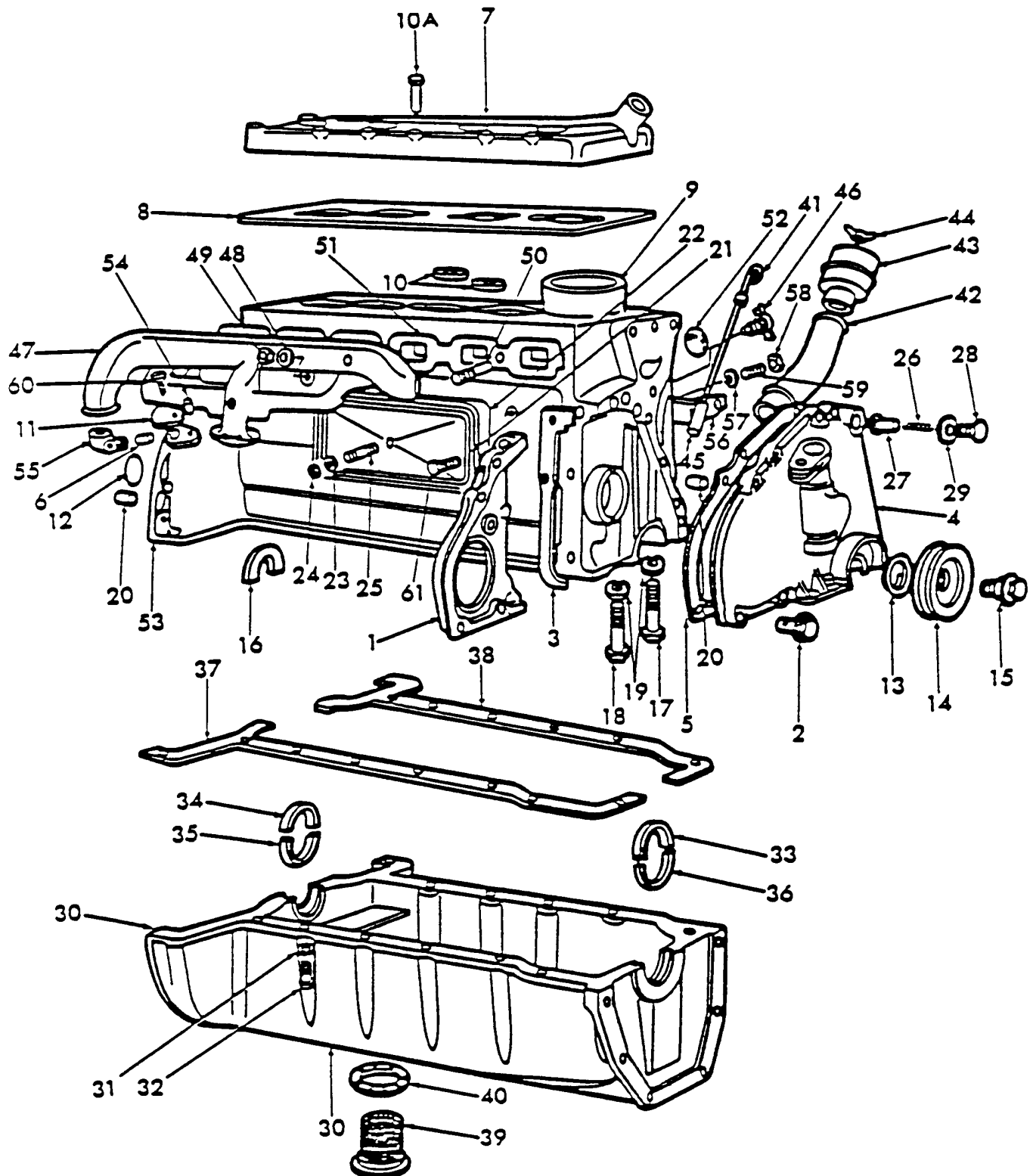
2N 9N 8N

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ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N



ENGINE ASSEMBLY (OUTSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
42		8N6763B	BTW 01/39 & 12/52	1	Pipe Assy., Oil Filler
43		310030	BTW 01/39 & 12/52	1	Cap Assy., Oil Filler & Breather
44		33893S36	BTW 01/39 & 12/52	1	Nut, Wing, #10-32
45		PL	BTW 01/39 & 12/52	1	Tube, Oil Level Indicator
45A	1, 2	EAF6789A	BTW 01/39 & 12/52	1	Gasket, Oil Filler Cap
46		81465471	BTW 01/39 & 12/52	1	Cock Assy., Cylinder Block Drain
47		9N9425	BTW 01/39 & 12/52	1	Mainfold, Intake & Exhaust
48		PL		AR	Washer, Lock, 7/16"
49		PL		AR	Nut, Hex, 7/16"- 20
50		88403S2	BTW 01/39 & 12/52	4	Stud, Block to Intake Manifold, 7/16" - 14-20 x 1-5/8"
51		9N9448	BTW 01/39 & 12/52	2	Gasket, Intake & Exhaust Manifold
52		353454S	BTW 01/39 & 12/52	4	Plug, Cylinder Block Expansion, 1-3/16"
52A		88367S8		AR	Stud, Carburetor to Intake Manifold, 5/15" - 18 - 24 x 1 - 3/16", Not Shown
53	3	NS	BTW 01/39 & 12/52	1	Block Assy., Cylinder, Use Oil Pump Gears & 8N Screen Cover
54		353052S5	BTW 01/39 & 12/52	2	Plug, Pipe Taper, 1/8" Used to Plug Oil Line, Front & Rear
55		8N6722	BTW 01/48 & 12/52	1	Elbow, Oil Gauge to Block, 8N
56	1, 4	8N6129	BTW 01/50 & 12/52	1	Bracket, Generator Mounting, 8N
57		PL		AR	Washer, Lock, 7/16"
58		PL		AR	Nut, Hex, 7/16"-20
59		PL	BTW 01/50 & 12/52	2	Stud, Bracket to Cylinder Block, 7/16" - 14-20 x 1.25, 8N
60	5	PL	BTW 01/50 & 12/52	1	Screw, Pan Hd., 5/16"-18 x 5/16", 8N
61		PL	BTW 01/39 & 12/52	1	Bolt, HH, 3/8"-16 x 1.38, 8N Upper Front, Green
62		9N6781		AR	Kit, Oil Pan Gasket, Includes 33 Thru 38 & 40
63		8N6782A	BTW 01/39 & 12/52	AR	Kit, Oil Filler Cap, Filtering Elements
(1) No Longer Serviced (2) Not illustrated (3) Not Serviced (4) Used On & ASN 263843 (5) Used On & ASN 263843					
					2N 9N 8N

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ENGINE OVERHAUL KITS - 9N, 2N, 8N

NO ART REQUIRED

ENGINE OVERHAUL KITS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	APN6002BA	BTW 01/50 & 12/52	AR	Kit, Engine Overhaul, Major, Thick Sleeves, Includes parts listed below
		86559265	BTW 01/39 & 12/52	1	Gasket
		APN6055A	BTW 01/50 & 12/52	1	Kit, Sleeve, Piston & Ring
		8N6008	BTW 01/50 & 12/52	1	Kit, Overhaul Gasket
		21A6207B3	BTW 01/50 & 12/52	4	Bushing, Connector Rod, .729 ID
		D8NN12171AA	BTW 01/50 & 12/52	1	Kit, Distributor Point
		8N6505C	BTW 01/50 & 12/52	4	Valve, Exhaust
		D8NN12171AA	BTW 01/50 & 12/52	1	Kit, Distributor Point
		8BA6510B	BTW 01/50 & 12/52	8	Bushing, Valve Guide
		406512	BTW 01/50 & 12/52	8	Retainer, Valve Guide Bushing
		8N6513	BTW 01/50 & 12/52	8	Spring, Valve
		8BA6571	BTW 01/50 & 12/52	4	Seal, Valve Stem
		9N6608A	BTW 01/50 & 12/52	1	Gear & Shaft Assy., Oil Pump Drive
		8N6610	BTW 01/50 & 12/52	1	Gear, Oil Pump, Driven
		9N6612A	BTW 01/50 & 12/52	1	Bushing, Oil Pump Body
		8N6614	BTW 01/50 & 12/52	1	Gear, Oil Pump Drive
		86546605	BTW 01/50 & 12/52	1	Filter, Engine Oil Includes: Gasket
		86546605DS		1	Filter, Engine Oil Includes: Gasket
		86500249	BTW 01/50 & 12/52	1	Condenser Assy., Distributor
		AL7C	BTW 01/50 & 12/52	4	Plug, Spark
2	1	APN6002DA	BTW 01/50 & 12/52	AR	Kit, Engine Overhaul, Major, Thick Sleeves, Matched Piston, Includes parts listed below
		APN6055D	BTW 01/50 & 12/52	1	Kit, Sleeve, Piston & Ring, Matched Set
		8N6008	BTW 01/50 & 12/52	1	Kit, Gasket Overhaul
		21A6207B3	BTW 01/50 & 12/52	4	Bushing, Connector Rod, .729 ID
		8N6505C	BTW 01/50 & 12/52	4	Valve, Exhaust
		8BA6510B	BTW 01/50 & 12/52	8	Bushing, Valve Guide
		406512	BTW 01/50 & 12/52	8	Retainer, Valve Guide Bushing
		8N6513	BTW 01/50 & 12/52	8	Spring, Valve
		8BA6571	BTW 01/50 & 12/52	4	Seal, Valve Stem
		9N6608A	BTW 01/50 & 12/52	1	Gear & Shaft Assy., Oil Pump Drive
		8N6610	BTW 01/50 & 12/52	1	Gear, Oil Pump Driven
		9N6612A	BTW 01/50 & 12/52	1	Bushing, Oil Pump Body
(1) Used On & ASN 247570					
					2N 9N 8N

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ENGINE OVERHAUL KITS - 9N, 2N, 8N

NO ART REQUIRED

ENGINE OVERHAUL KITS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION		
3	1	8N6614	BTW 01/50 & 12/52	1	Gear, Oil Pump Drive		
		86546605	BTW 01/50 & 12/52	1	Filter, Engine Oil, Includes: Gasket		
		86500249	BTW 01/50 & 12/52	1	Condenser Assy., Distributor		
		AL7C	BTW 01/50 & 12/52	4	Plug, Spark		
		APN6002FA	BTW 01/50 & 12/52	AR	Kit, Engine Overhaul, Major, Semi-Finished Sleeves, Includes parts listed below		
		APN6055A	BTW 01/50 & 12/52	1	Kit, Sleeve, Piston & Ring		
		8N6008	BTW 01/50 & 12/52	1	Kit, Gasket Overhaul		
		21A6207B3	BTW 01/50 & 12/52	4	Bushing, Connector Rod, .729 ID		
		8N6505C	BTW 01/50 & 12/52	4	Valve, Exhaust		
		8BA6507A	BTW 01/50 & 12/52	4	Valve, Intake		
		8BA6510B	BTW 01/50 & 12/52	8	Bushing, Valve Guide		
		406512	BTW 01/50 & 12/52	8	Retainer, Valve Guide Bushing		
		8N6513	BTW 01/50 & 12/52	8	Spring, Valve		
		8BA6571	BTW 01/50 & 12/52	4	Seal, Valve Stem		
		526610B	BTW 01/50 & 12/52	1	Gear, Oil Pump, Driven		
		9N6612A	BTW 01/50 & 12/52	1	Bushing, Oil Pump Body		
		526614B	BTW 01/50 & 12/52	1	Gear, Oil Pump Drive		
		86546605	BTW 01/50 & 12/52	1	Filter, Engine Oil Includes: Gasket		
		86546605DS		1	Filter, Engine Oil Includes: Gasket		
		87761981	BTW 01/50 & 12/52	1	Kit, Distributor Point		
		A0NN12300A	BTW 01/50 & 12/52	1	Condenser Assy., Distributor		
		AL7C	BTW 01/50 & 12/52	4	Plug, Spark		
4		APN6002GA		AR	Kit, Engine Overhaul, Major, Matched Piston & (Thick) Sleeves, Includes parts listed below		
		APN6055D		1	Kit, Sleeve, Piston & Ring		
		8N6008		1	Kit, Overhaul Gasket		
		21A6207B3		4	Bushing, Connecting Rod, .729 ID		
		8N6505C		4	Valve, Exhaust		
		8BA6510B		8	Bushing, Valve Guide		
		406512		8	Retainer, Valve Guide		
		8N6513		8	Spring, Valve		
		8BA6571		4	Seal, Valve Stem		
		9N6608A		1	Gear & Shaft Assy., Oil Pump Drive		
		(1) Used On & BSN 247571					
							2N 9N 8N

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ENGINE OVERHAUL KITS - 9N, 2N, 8N

NO ART REQUIRED

ENGINE OVERHAUL KITS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
5	1	526610B		1	Gear, Oil Pump, Driven
		9N6612A		1	Bushing, Oil Pump Body
		526614B		1	Gear, Oil Pump Drive
		86546605		1	Filter, Engine Oil, Includes: Gasket
		87761981		1	Kit, Distributor Point
		A0NN12300A		1	Condenser Assy., Distributor
		86548828		4	Plug, Spark
		APN6002HA		AR	Kit, Engine Overhaul, Major, Thin Sleeves, 9N, 2N, 8N, Includes parts listed below
		APN6055E		1	Kit, Sleeve, Piston & Ring
		8N6008		1	Kit, Gasket Overhaul
		21A6207B3		4	Bushing, Connecting Rod, .729 ID
		8N6505C		4	Valve, Exhaust
		8BA6510B		8	Bushing, Valve Guide
		406512		8	Retainer, Valve Guide
		8N6513		8	Spring, Valve
		8BA6571		4	Seal, Valve Stem
		9N6608A		1	Gear & Shaft Assy., Oil Pump Drive
		526610B		1	Gear, Oil Pump, Driven
		9N6612A		1	Bushing, Oil Pump, Body
		526614B		1	Gear, Oil Pump Drive
		86546605		1	Filter, Engine Oil Includes: Gasket
		86546605DS		1	Filter, Engine Oil Includes: Gasket
		87761981		1	Kit, Distributor Point
		A0NN12300A		1	Condenser Assy., Distributor
		AL7C		4	Plug, Spark
6		8N6008	BTW 01/39 & 12/52	AR	Kit, Engine Overhaul Gasket, Includes parts listed below
		8N6018	BTW 01/39 & 12/52	1	Gasket
		8N6702	BTW 01/39 & 12/52	1	Packing
		9N6020A	BTW 01/39 & 12/52	1	Gasket
		8N6707	BTW 01/39 & 12/52	1	Packing
		8N6020C	BTW 01/39 & 12/52	1	Gasket
		8N6710	BTW 01/39 & 12/52	1	Gasket
		(1) Used On & BSN 247571			
				2N 9N 8N	

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ENGINE OVERHAUL KITS - 9N, 2N, 8N

NO ART REQUIRED

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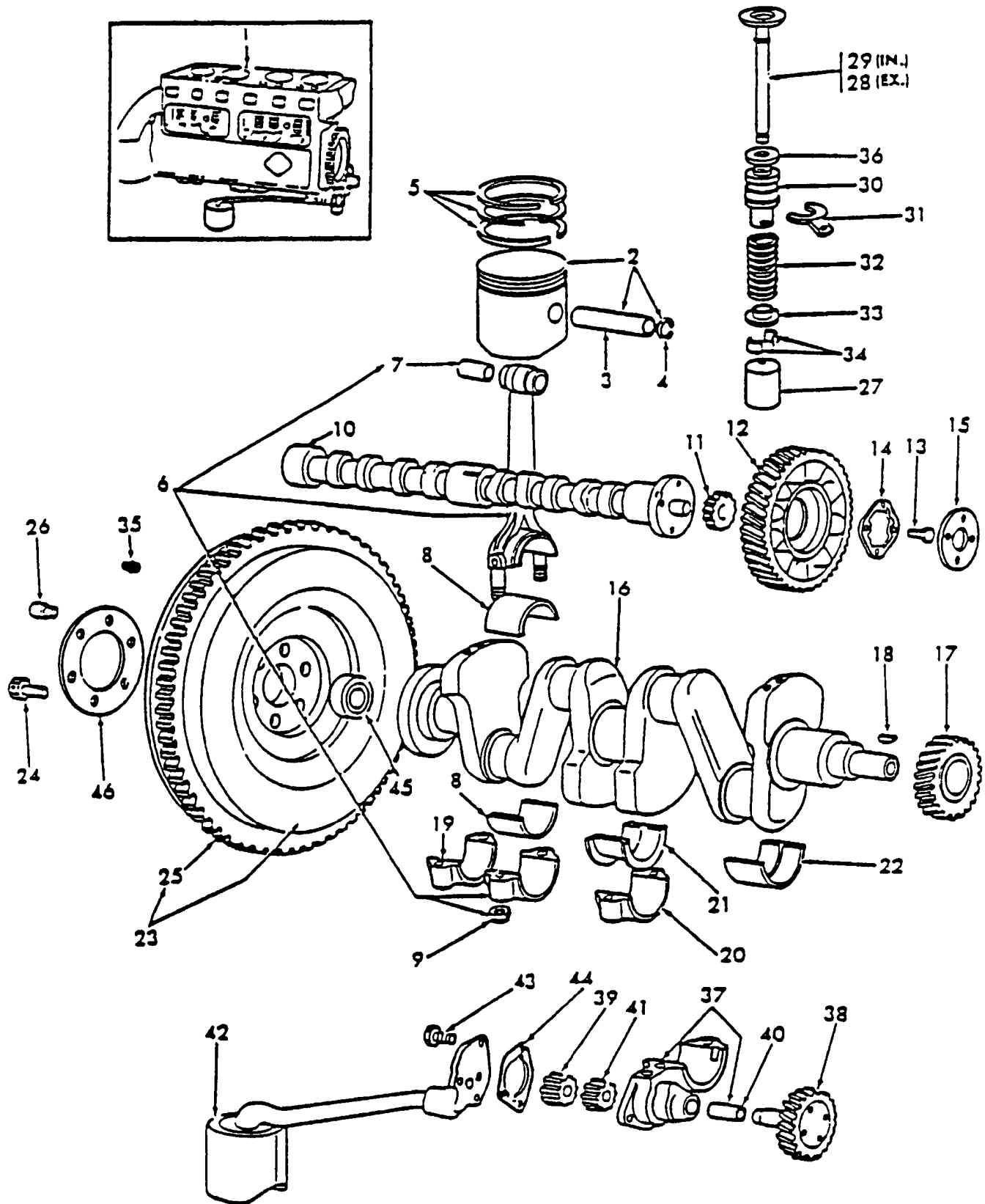
ENGINE OVERHAUL KITS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		9N6022	BTW 01/39 & 12/52	1	Gasket
		8N6711	BTW 01/39 & 12/52	1	Gasket
		8N6051B	BTW 01/39 & 12/52	1	Gasket
		8N6734	BTW 01/39 & 12/52	1	Gasket
		7HA6521	BTW 01/39 & 12/52	2	Gasket
1		9N8507	BTW 01/39 & 12/52	1	Gasket
		9N6619	BTW 01/39 & 12/52	1	Gasket
		9N8513	BTW 01/39 & 12/52	1	Gasket
		1GA6669	BTW 01/39 & 12/52	1	Gasket
		8N6700	BTW 01/39 & 12/52	1	Packing
		9N9448	BTW 01/39 & 12/52	2	Gasket
		8N6701	BTW 01/39 & 12/52	1	Packing
		9N12143	BTW 01/39 & 12/52	1	Gasket
2		NLS	BTW 01/48 & 12/52	1	Short Block, 8N
		353454S	BTW 01/39 & 12/52	4	Plug, Cylinder Block Expansion, 1-3/16"
3		NLS	BTW 01/39 & 12/52	1	Engine Assy., Cylinder Block & Crankshaft, Short Block, 9N, 2N, 8N (8N6011D)

- (1) No Longer Serviced
(2) Used On & BSN 263843
(3) Used On & ASN 263843

2N 9N 8N

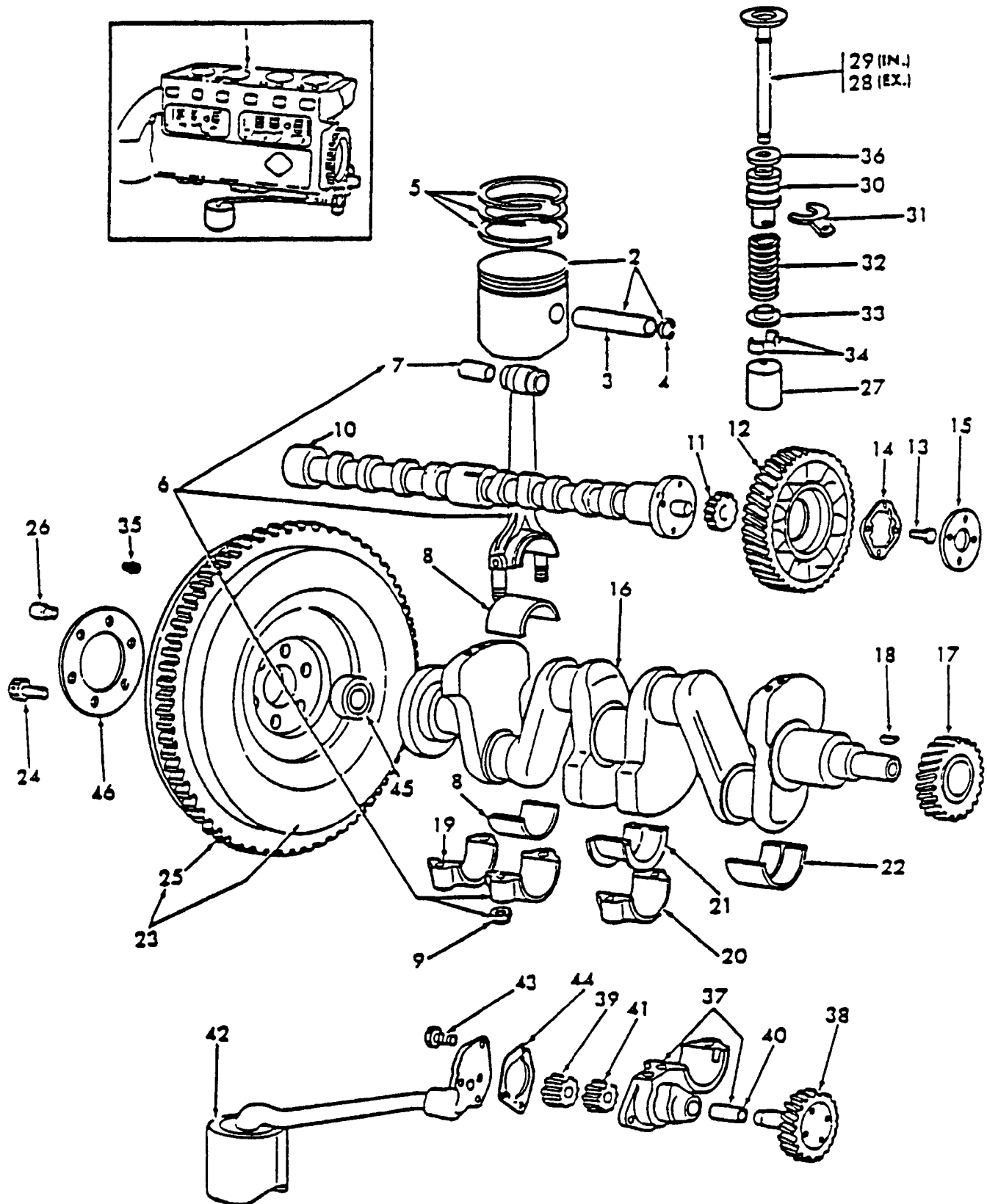
ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N



ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	NLS	BTW 01/48 & 12/52	1	Engine Assy., Cylinder Block & Crankshaft, Short Block, 8N {8N6011C}
1	2	NLS	BTW 01/39 & 12/52	1	Engine Assy., Cylinder Block & Crankshaft, Short Block, 9N, 2N, 8N {8N6011D}
2		8N6108B	BTW 01/39 & 12/52	4	Piston, Pin & Retainer Set, Standard, Aluminum, 3-Ring
2		8N6108D	BTW 01/39 & 12/52	4	Piston, Pin & Retainer Set, .020" O/S
2	3	8N6108E	BTW 01/39 & 12/52	4	Piston, Pin & Retainer Set, .030" O/S
2	3	8N6108F	BTW 01/39 & 12/52	4	Piston, Pin & Retainer Set, .040" O/S
3	3	19A6135A	BTW 01/39 & 12/52	4	Pin, Piston, Used W/Aluminum Piston Only
3	3	99A6135A	BTW 01/39 & 12/52	4	Pin, Piston, Used W/Steel Piston Only
4		786140	BTW 01/39 & 12/52	8	Retainer, Piston Pin
5		EBPN6149A	BTW 01/39 & 12/52	1	Kit, Piston Ring, 3-Ring, Used W/Steel Piston Only
5		8N6149B	BTW 01/39 & 12/52	1	Kit, Piston Ring, 3-Ring, Used W/Aluminum Piston & Steel Sleeves
5		86551105	BTW 01/39 & 12/52	1	Kit, Piston Ring, .020" O/S
5		86551109	BTW 01/39 & 12/52	1	Kit, Piston Ring, .030" O/S
5		EBPN6149D	BTW 01/39 & 12/52	1	Kit, Piston Ring, .040" O/S
5		8N6149G	BTW 01/39 & 12/52	1	Kit, Piston Ring, 3-Ring, Standard, Chrome
5	3	8N6149H	BTW 01/39 & 12/52	1	Kit, Piston Ring, .030" O/S
5	3	APN6149F	BTW 01/39 & 12/52	1	Kit, Piston Ring, .020" O/S, Chrome
5	4	NS	BTW 01/39 & 12/52	1	Kit, Piston Ring, .040" O/S, Chrome
6	3	9N6200B	BTW 01/39 & 12/52	4	Rod, Connecting
7		21A6207B3	BTW 01/39 & 12/52	4	Bushing, Connecting Rod, .729" ID
8		9N6211A	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, Standard
8		9N6211B	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .001" O/S
8		9N6211C	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .002" O/S
8		9N6211D	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .005" O/S
8		9N6211E	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .010" O/S
8		9N6211F	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .012" O/S
8		9N6211G	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .020" O/S
(1) Used On & BSN 263843 (2) Used On & BSN 263844 (3) No Longer Serviced (4) Not Serviced					
4-Ring Pistons are No Longer Available. 4-Ring Piston Ring Kits are Also NLS. Must Order 3-Ring Pistons for Service.					2N 9N 8N

ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N



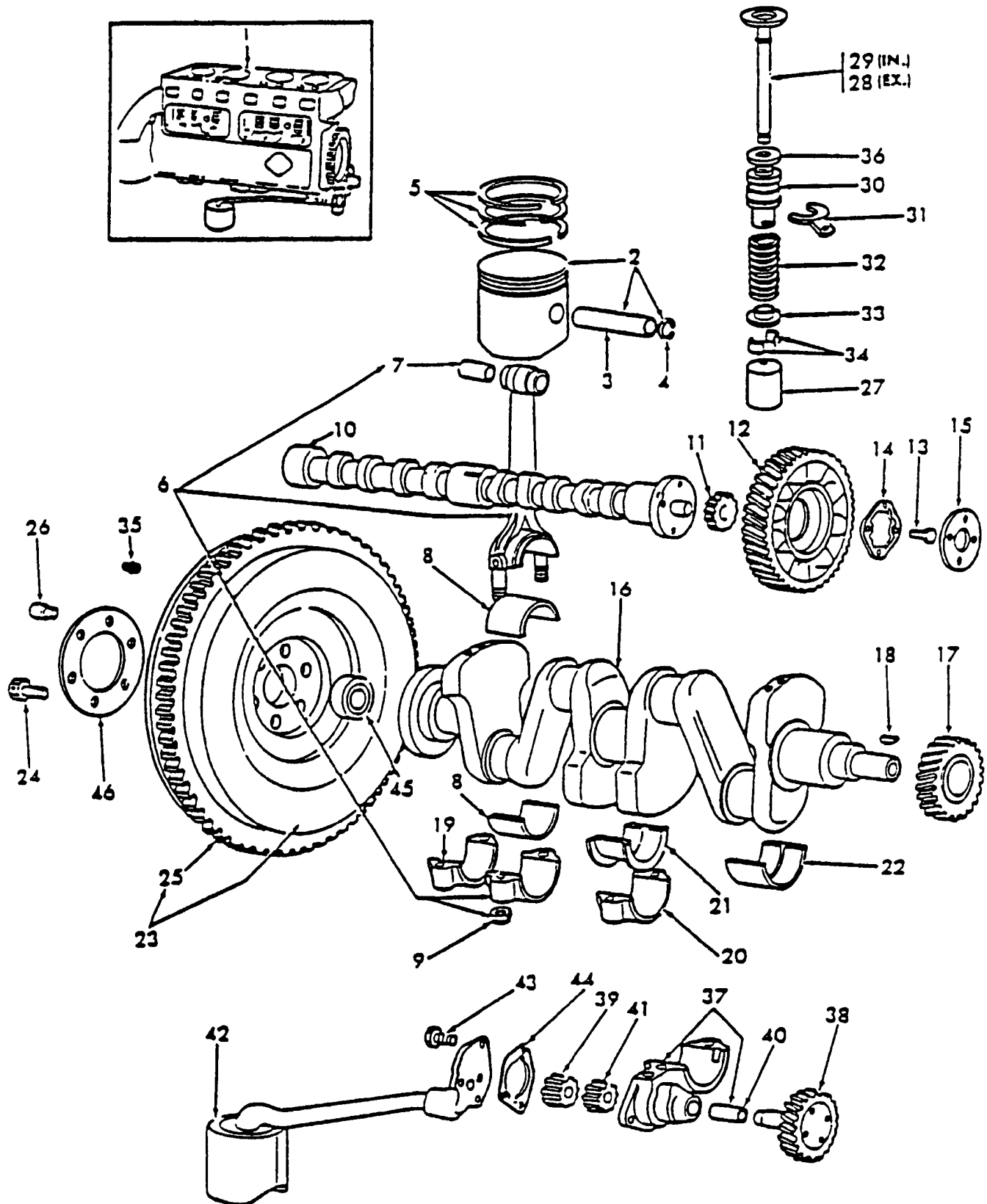
ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
8	1	9N6211H	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .007" O/S
8		A0NN6211A	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .030" O/S
8		A0NN6211B	BTW 01/39 & 12/52	8	Liner, Connecting Rod Bearing, .040" O/S
9		C9AZ6212B	BTW 01/39 & 12/52	8	Nut, Connecting Rod, 3/8"-24
10	1, 2	2NC6250B	BTW 01/39 & 12/50	1	Camshaft, For Bolt on Gear (Replaces Shaft W/ Press on Gear)
10	1, 3	8N6250	BTW 01/39 & 12/52	1	Camshaft
11	1	7RA6255	BTW 01/48 & 12/52	1	Gear, Distributor Drive
12		486256B	BTW 01/39 & 12/41	1	Gear Assy., Camshaft, was Fiber, now Cast Iron, Pressed On, Used W/9N6250A, 9N
12		7RA6256A	BTW 01/39 & 12/52	1	Gear Assy., Camshaft
12		7RA6256B	BTW 01/39 & 12/52	1	Gear Assy., Camshaft, .006" O/S
12	1	7RA6256C	BTW 01/39 & 12/52	1	Gear Assy., Camshaft, .012" O/S, Short Block, 9N, 2N, 8N
13		350400S	BTW 01/39 & 12/52	1	Bolt, HH, Gear to Camshaft, 5/16"-24 x .61"
14	1	91A6258	BTW 01/39 & 12/52	1	Ring, Camshaft Gear, Locking
15	2	8N6276	BTW 01/39 & 12/52	1	Spring, Camshaft Thrust, 9N, 2N, 8N
16	1	9N6303A	BTW 01/39 & 12/52	1	Crankshaft
17		486306A	BTW 01/39 & 12/52	1	Gear, Crankshaft
18		PL	BTW 01/39 & 12/52	1	Key, Woodruff, Gear to Crankshaft, 1/4" x 1-1/8"
19	1	9N6325	BTW 01/39 & 12/52	1	Cap, Crankshaft Bearing, Rear
20		NS	BTW 01/39 & 12/52	1	Cap, Crankshaft Bearing, Center
21		9N6331A	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, Standard
21		9N6331B	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .001" U/S
21		9N6331C	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .002" U/S
21	1	9N6331D	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .005" U/S
21		9N6331E	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .010" U/S
21	1	9N6331F	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .012" U/S
21		9N6331G	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .020" U/S
21	1	9N6331H	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .007" U/S
21		A0NN6331A	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .030" U/S
(1) No Longer Serviced (2) Used On & BSN 263844 (3) Used On & ASN 263843					

4-Ring Pistons are No Longer Available. 4-Ring Piston Ring Kits are Also NLS.
Must Order 3-Ring Pistons for Service.

2N 9N 8N

ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N



ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21	1	NS	BTW 01/39 & 12/52	2	Liner, Bearing, Center Main, .040" U/S
22		A0NN6333A	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .030" U/S
22	1	NS	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .040" U/S
22		9N6333A	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, Standard
22		9N6333B	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .001" U/S
22		9N6333C	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .002" U/S
22	2	9N6333D	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .005" U/S
22		9N6333E	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .010" U/S
22	2	9N6333F	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .012" U/S
22		9N6333G	BTW 01/39 & 12/52	4	Liner, Bearing, Front & Rear Main, .020" U/S
23	2	8N6375	BTW 01/39 & 12/52	1	Flywheel Assy.
24		350816S	BTW 01/39 & 12/52	6	Bolt, HH, Flywheel to Crankshaft, 7/16"-20 x .88"
25		9N6384	BTW 01/39 & 12/52	1	Gear, Flywheel, Starting Ring
26	2	B6387A	BTW 01/39 & 12/52	2	Pin, Dowel, Flywheel to Crankshaft
27		A0NN6500A	BTW 01/39 & 12/52	8	Tappet or Rod, Valve, Push, Adjustable
28	2,3	406505A	BTW 01/39 & 12/52	4	Valve, Intake, Used W/406510C
28	4	8N6505A	BTW 01/39 & 12/52	4	Valve, Exhaust, Used W/8BA6510B
28		8N6505C	BTW 01/48 & 12/52	4	Valve, Exhaust, Freetype, Used W/8BA6510B, 8N
29	5	8BA6507A	BTW 01/48 & 12/52	4	Valve, Intake, Used W/8BA6510B
30	5	8BA6510B	BTW 01/48 & 12/52	8	Bushing, Valve Guide
31		406512	BTW 01/39 & 12/52	8	Retainer, Valve Guide, Bushing
32	6	8N6513	BTW 01/39 & 12/52	8	Spring, Valve
32	5	8N6513	BTW 01/48 & 12/52	8	Spring, Valve
33	7	NS	BTW 01/39 & 12/52	8	Retainer, Valve Spring, Used W/2NC6513, 9N, 2N, 8N
33		8RT6514B	BTW 01/48 & 12/52	4	Retainer, Valve Spring, Exhaust, 8N
33		8BA6514	BTW 01/48 & 12/52	4	Retainer, Valve Spring, Intake
34		EAM6518A	BTW 01/50 & 12/52	8	Lock, Valve, Spring Retainer

(1) Not Serviced

(2) No Longer Serviced

(3) Used On & BSN 42162

(4) When using 8N-6505-A to replace 9N-6505-A for units BSN 421621, also use 8BA-6510-B, 8N-6513, 8N-6514, 7HA-6518 & BBA-6571 in Engine Sets.

(5) Used On & ASN 42161

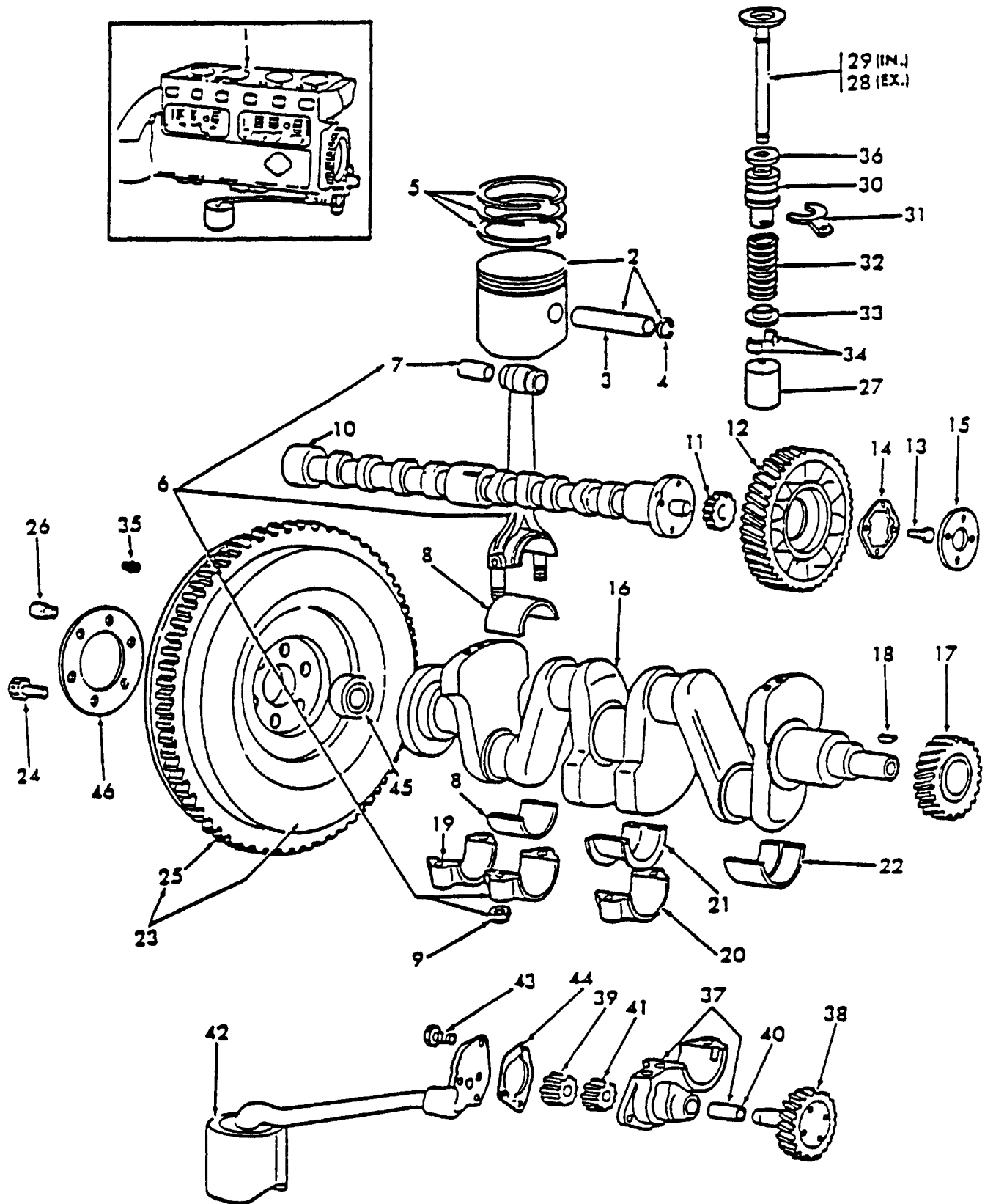
(6) Used On & BSN 42162 * No Longer Serviced

(7) Used On & ASN 42162

4-Ring Pistons are No Longer Available. 4-Ring Piston Ring Kits are Also NLS.
Must Order 3-Ring Pistons for Service.

2N 9N 8N

ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N



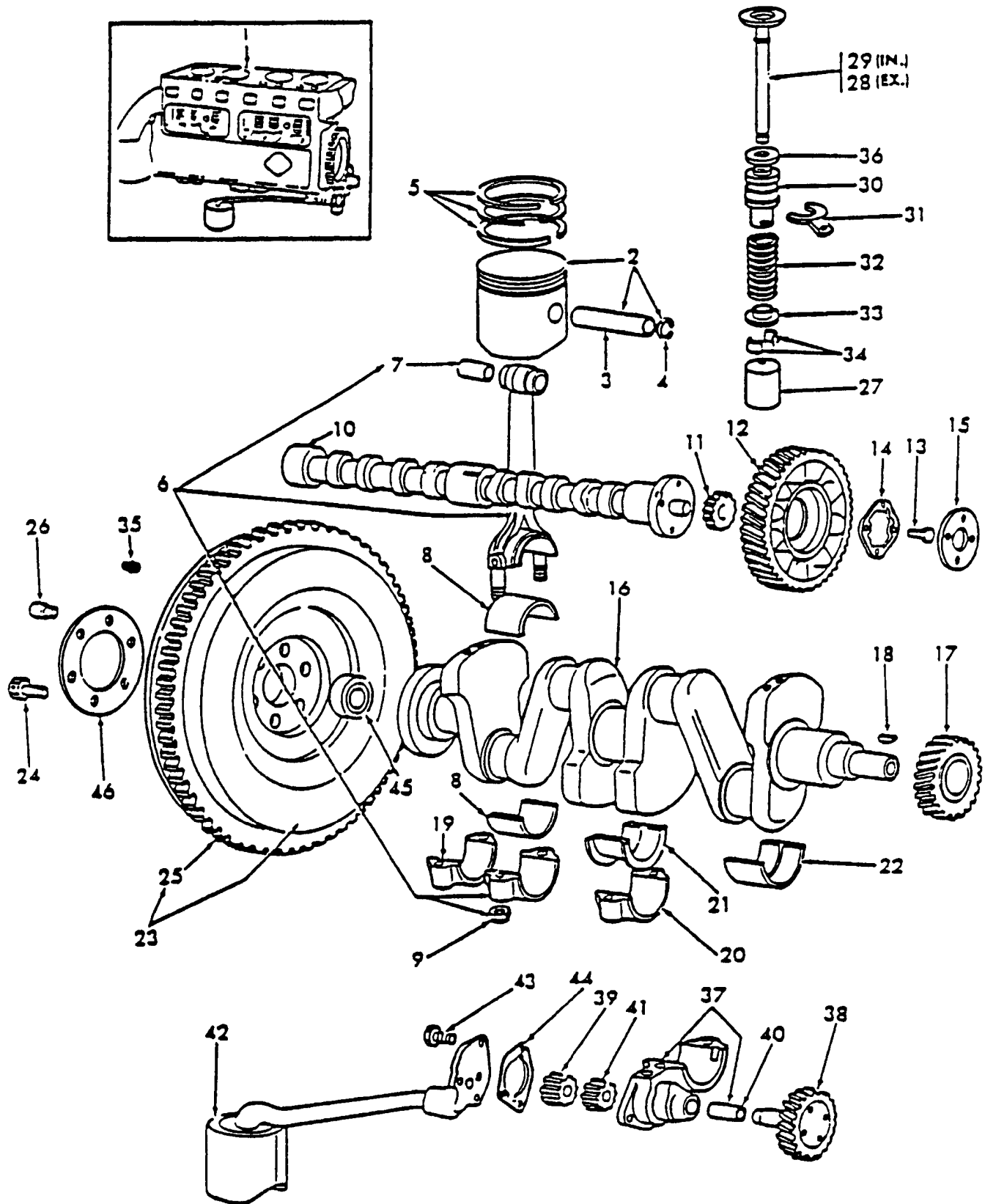
ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
34	1	7HA6518	BTW 01/48 & 12/50	16	Key, Valve, Spring Retainer
34	2	7HA6518	BTW 01/50 & 12/52	8	Key, Valve, Spring Retainer
35	3	186397	BTW 01/39 & 12/52	1	Pin, Dowel
35A	4	8N6546B		AR	Kit, Valve & Tappet, Free Type, Includes 35B-35H
35B		A0NN6500A		8	Tappet Assy.
35C		8N6505C		4	Valve
35D		EAM6518A		4	Lock
35E		8RT6514B		4	Retainer
35F		8EQ6550B		4	Cap
35G	3	8N17045A		1	Wrench
35H	3	8N17046A		1	Wrench
35I	4	8EQ6550B	BTW 01/39 & 12/52	4	Cap, Valve Stem
36		8BA6571	BTW 01/48 & 12/52	4	Seal, Valve Stem or Guide, Intake Bushing, 8N
37	5	9N6603	BTW 01/39 & 12/52	1	Body Assy., Oil Pump, 9N, 2N, 8N
37	6	8N6603	BTW 01/48 & 12/52	1	Body Assy., Oil Pump, 8N
38	5	9N6608A	BTW 01/39 & 12/52	1	Gear & Shaft Assy., Oil Pump Drive, Used W/9N6603, 9N, 2N, 8N
38	6	9N6608A	BTW 01/48 & 12/52	1	Gear & Shaft Assy., Oil Pump Drive, 8N
38	6	NLS	BTW 01/48 & 12/52	1	Gear & Shaft Assy., Oil Pump Drive Gear, Optional W/A, 8N {8N6608B}
39	5	526610B	BTW 01/39 & 12/52	1	Gear, Oil Pump, Driven
39	6	8N6610	BTW 01/48 & 12/52	1	Gear, Oil Pump, Driven
40		9N6612A	BTW 01/39 & 12/52	1	Bushing, Oil Pump, Body
41	5	526614B	BTW 01/39 & 12/52	1	Gear, Oil Pump, Drive, 9N, 2N, 8N
41	6	8N6614	BTW 01/48 & 12/52	1	Gear, Oil Pump, Drive, Used W/8N6603, 8N
42	7	86604201	BTW 01/39 & 12/52	1	Cover & Inlet Tube Assy., Oil Pump, Oil Inlet, Used W/8N6603
42A		9N6730	BTW 01/39 & 12/52	1	Screen, For Oil Inlet
(1) Used On & BSN 356950 (2) Used On & ASN 356949 (3) No Longer Serviced (4) Not illustrated (5) Used On & BSN 247571 (6) Used On & ASN 247570 (7) 9N, 2N, 8N After S/N 247570					

4-Ring Pistons are No Longer Available. 4-Ring Piston Ring Kits are Also NLS.
Must Order 3-Ring Pistons for Service.

2N 9N 8N

ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N



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ENGINE ASSEMBLY (INSIDE) - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
43		PL	BTW 01/39 & 12/52	3	Bolt, HH, Oil Pump Cover, 1/4"-20 x 5/8"
44		9N6619	BTW 01/39 & 12/52	1	Gasket, Oil Pump Cover
45		C5NN7600A	BTW 01/39 & 12/52	1	Bearing, Clutch Pilot
46	1	7RA7609	BTW 01/39 & 12/52	1	Retainer, Flywheel Dowel
47	2	APN6600A		AR	Oil Pump Repair Kit
48	2	APN6600B		AR	Oil Pump Repair Kit

(1) No Longer Serviced

(2) Not illustrated

4-Ring Pistons are No Longer Available. 4-Ring Piston Ring Kits are Also NLS.
Must Order 3-Ring Pistons for Service.

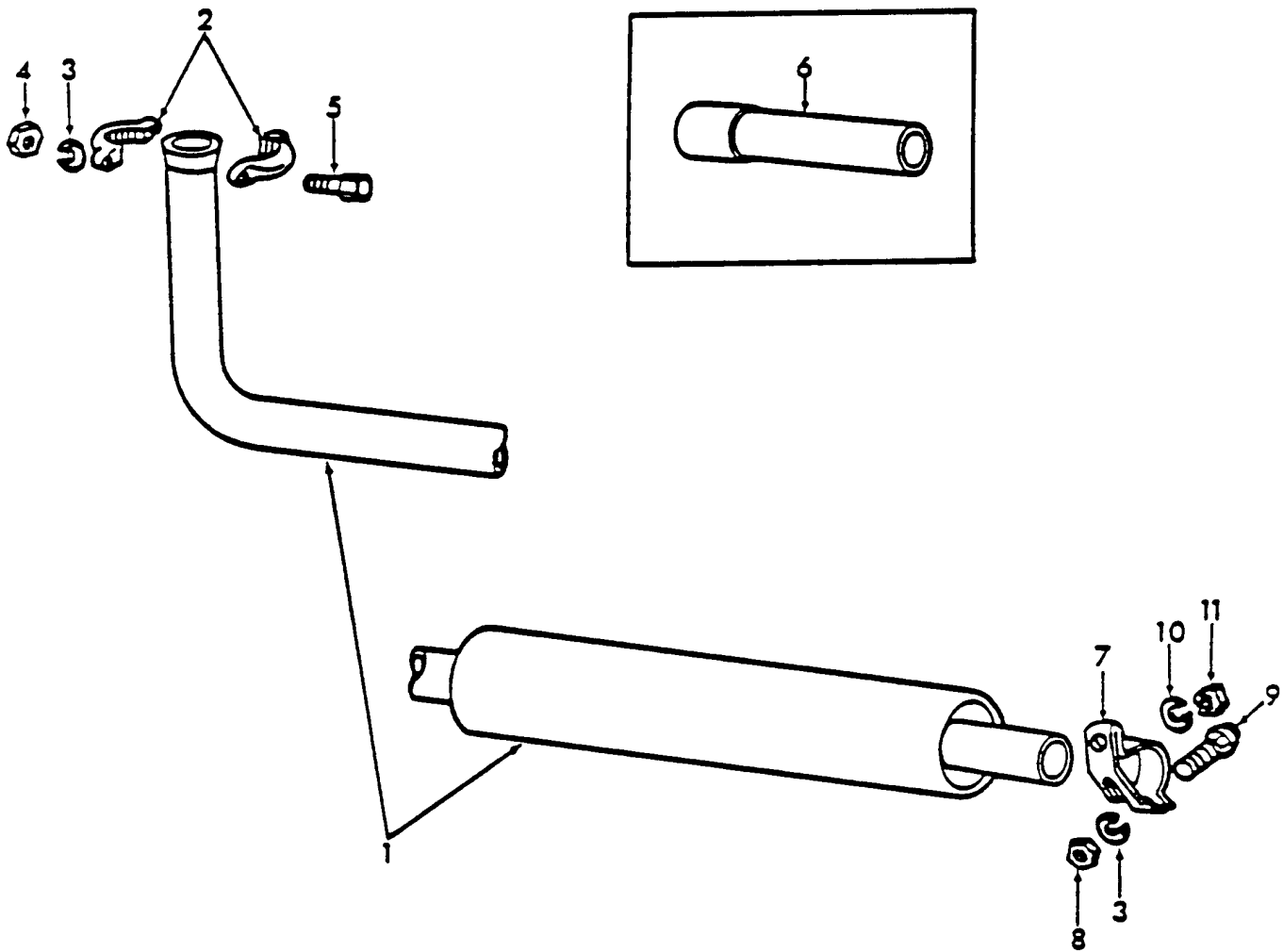
2N 9N 8N

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MUFFLER ASSEMBLY & RELATED PARTS - 9N, 2N, 8N



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MUFFLER ASSEMBLY & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		EC0N5230AA	BTW 01/39 & 12/52	1	Muffler Assy., When used on Kerosene Tractor this part must be reworked locally to fit
1	¹	NS	BTW 01/39 & 12/52	1	Muffler Assy., 9NAN, 2NAN, 8NAN
2		CAPN5200A	BTW 01/39 & 12/52	2	Kit, Muffler, Intake Pipe, Clamp, Includes: (2) C0NN5270A, Clamp; and Ref. 3 thru 5
3		PL	BTW 01/39 & 12/52	2	Washer, Lock, 5/16"
4		PL		2	Nut, Brass, 5/16"-18
5		PL		2	Bolt, Inlet Pipe to Clamp, 5/16"-18 x 1-5/8"
6	²	9N5255	BTW 01/39 & 12/52	1	Pipe, Muffler Outlet
7		9N5260	BTW 01/39 & 12/52	1	Bracket, Muffler, Outlet Pipe
8		PL		AR	Nut, Hex, 5/16"-18
9		PL	BTW 01/48 & 12/52	1	Bolt, Round Hd. Carriage, Outlet Pipe to Bracket, 5/16"-18 x 1-1/8"
10		PL		AR	Washer, Lock, 7/16"
11		PL	BTW 01/48 & 12/52	1	Nut, Hex, R.H., & Muffler Clamp to Center Housing, 7/16"-20

(1) Not Serviced

(2) No Longer Serviced

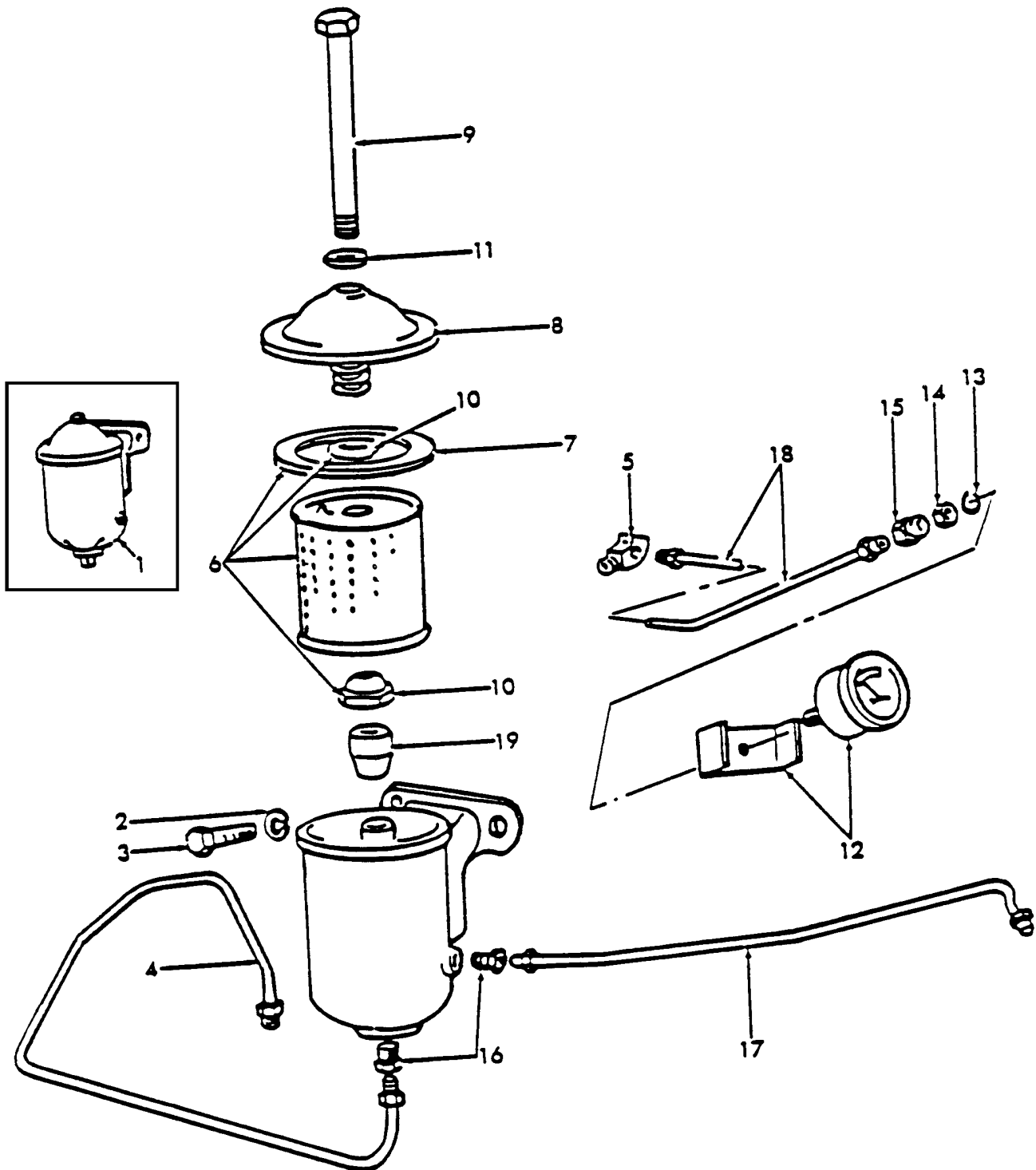
2N 9N 8N

06E01

p1

03/04

OIL FILTER, OIL GAUGE & RELATED PARTS - 9N, 2N, 8N



OIL FILTER, OIL GAUGE & RELATED PARTS - 9N, 2N, 8N

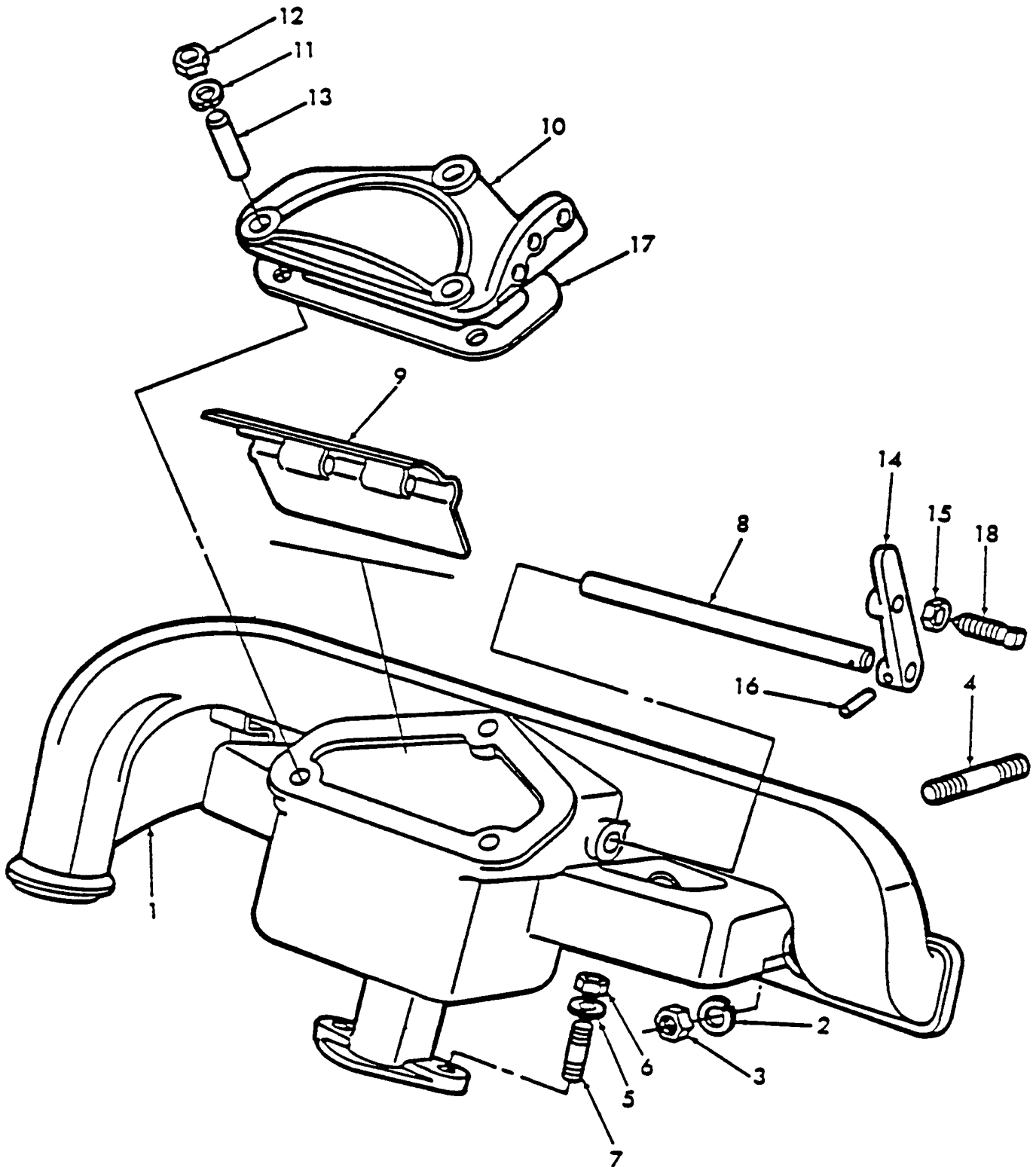
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	9N6714	BTW 01/39 & 12/52	1	Filter Assy., Oil
2		PL		AR	Washer, Lock, 3/8"
3		PL	BTW 01/39 & 12/52	2	Bolt, Oil Filter Bracket to Cylinder Hd., 3/8"-16 x .75
		PL	BTW 01/39 & 12/52	1	Elbow, Taper Pipe Thread, 1/4"
4		NS	BTW 01/39 & 12/47	1	Tube Assy., Filter to Block Outlet, 9N, 2N
5		8N6722	BTW 01/48 & 12/52	1	Elbow, Oil Gauge, Tube to Block, 8N
6		86546605	BTW 01/39 & 12/52	1	Filter, Engine Oil, Includes: Gasket
6		86546605DS		1	Filter, Engine Oil, Includes: Gasket
6		NLS		1	Element {B9NN6744B}
7	1	9N6885		1	Gasket
8	1	9N6737	BTW 01/39 & 12/52	1	Cover, Oil Filter
9	1	01A6741	BTW 01/39 & 12/52	1	Screw, Oil Filter Cover
10	2	NS	BTW 01/39 & 12/52	2	Gasket, Oil Filter Element
11		01A6749	BTW 01/39 & 12/52	1	Gasket, Oil Filter Cover
12		FAD9273A	BTW 01/39 & 12/52	1	Indicator Assy., Oil Pressure, 9N, 2N, 8N
13		PL	BTW 01/39 & 12/52	1	Washer, Lock, #10, 9N, 2N, 8N
14		PL	BTW 01/39 & 12/52	1	Nut, Hex, #10-32, 9N, 2N, 8N
15		PL	BTW 01/39 & 12/52	1	Connector, Internal Pipe Thread, 1/4", 9N, 2N, 8N
15A	1, 3, 4	2N18666	BTW 01/39 & 12/52	1	Tube Assy., Oil Filter to Governor
15B	1, 4, 5	8N18666	BTW 01/48 & 12/52	1	Tube Assy., Oil Filter to Governor
16	1	87971S	BTW 01/39 & 12/52	1	Connector, Thread, Tube to Oil Filter, 1/8" x 7/16"-24
17		NS	BTW 01/39 & 12/47	1	Tube Assy., Oil Filter Inlet, 9N, 2N
17		NLS	BTW 01/48 & 12/52	1	Tube Assy., Oil Filter Inlet, 8N {8N18687A}
17	5	86591374	BTW 01/48 & 12/52	1	Tube Assy., Oil Filter Inlet, 8N
17A	1, 4	9N18678	BTW 01/39 & 12/47	2	Nut, Oil Gauge Tube, 9N, 2N
18		86591373	From 01/48	1	Tube, Oil Pressure Indicator, 8N
19	1	9N66735	BTW 01/39 & 12/52	1	Spacer, Oil Filter Cartridge
(1) No Longer Serviced (2) Not Serviced (3) Used On & BSN 263844 (4) Not illustrated (5) Used On & ASN 263843					
					2N 9N 8N

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MANIFOLD ASSEMBLY, KEROSENE TYPE - 9N, 2N, 8N



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MANIFOLD ASSEMBLY, KEROSENE TYPE - 9N, 2N, 8N

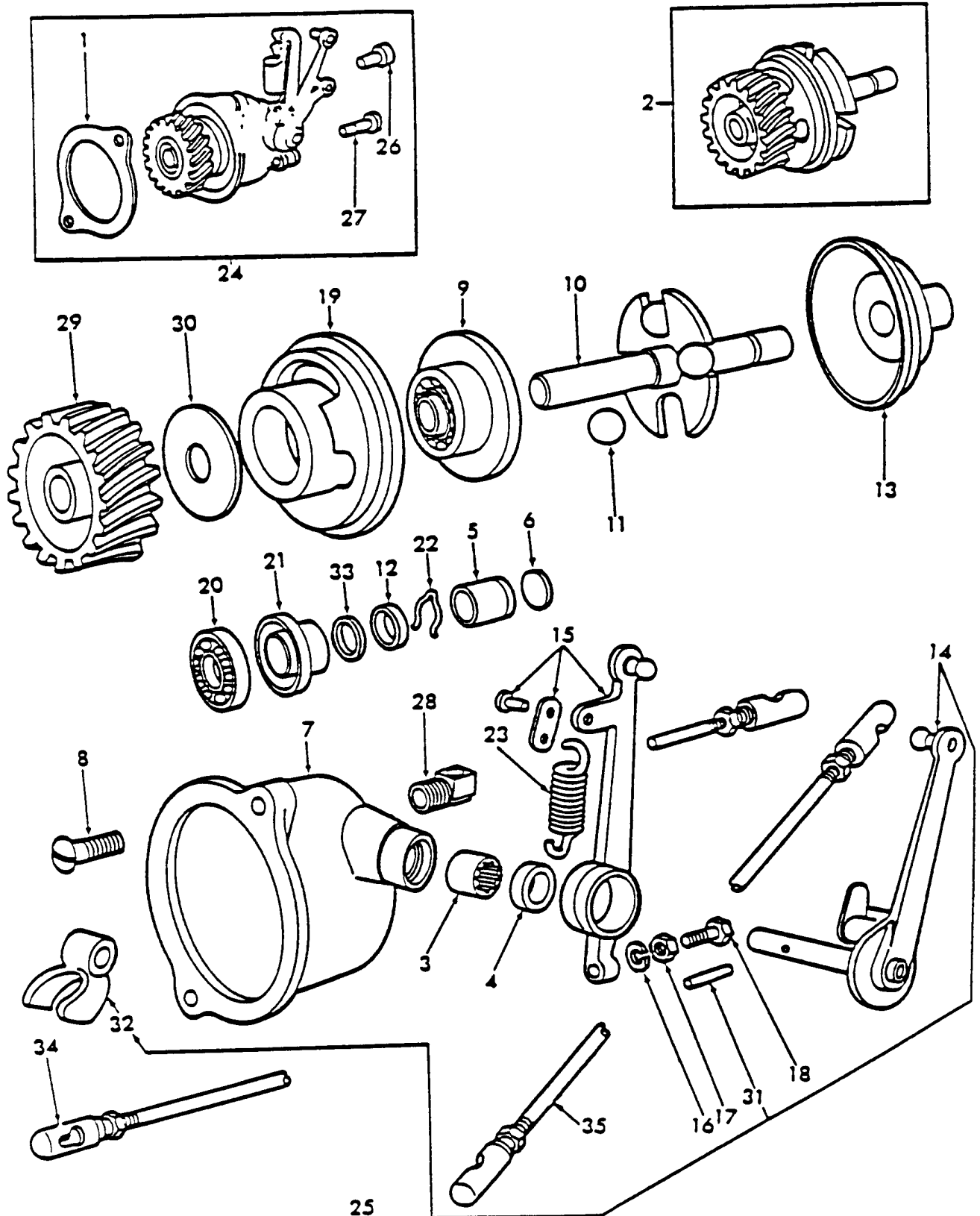
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1, 2	NS	BTW 01/50 & 12/52	1	Manifold Assy., Intake & Exhaust, 8NAN
2		PL		AR	Washer, Lock, 7/16"
3		PL		AR	Nut, Hex, 7/16"-20
4		88403S43	BTW 01/39 & 12/52	4	Stud, Manifold to Block, 7/16" - 14-20 x 1.62", 9NAN, 2NAN, 8NAN
5		PL		AR	Washer, Lock, 1/2"
6		PL		AR	Nut, Hex, 1/2"-20
7		PL	BTW 01/39 & 12/52	4	Stud, Vapor Chamber, Cover to Manifold, 1/2" - 13-20 x 1.68", 9NAN, 2NAN, 8NAN
8	3, 1	NLS	BTW 01/50 & 12/52	1	Shaft, Exhaust Manifold Heat Control Plate, 8NAN {8NAN9458}
9	3, 1	NLS	BTW 01/50 & 12/52	1	Plate, Exhaust Manifold Heat Control, 8NAN {8NAB9460}
9A	4	PL	BTW 01/48 & 12/52	2	Bushing, Exhaust Control Valve
10		NLS	BTW 01/50 & 12/52	1	Cover, Exhaust Manifold Heat Control {8NAN9494}
11		PL		AR	Washer, Lock, 5/16"
12		PL		AR	Nut, Hex, Brass, 5/16"-24
13		88367S8	BTW 01/50 & 12/52	3	Stud, Heat Control Cover, 5/16" - 18-24 x 1-3/16"
14	3	NLS	BTW 01/50 & 12/52	1	Handle, Exhaust Manifold Heat Control, Used W/8NAN-9410 {8NAN9495}
15		PL	BTW 01/50 & 12/52	1	Nut, Heat Control Handle, Set Screw, 5/16"-18
16		PL	BTW 01/50 & 12/52	1	Pin, Groove, Manifold Heat Control Handle to Shaft, 3/32" x .58
17	2	NS	BTW 01/50 & 12/52	1	Gasket, Exhaust Manifold, Heat Control, Used in 8NAN-9410
18		PL	BTW 01/48 & 12/52	1	Screw, Exhaust Control Valve Handle Set
(1) Used On & ASN 277554 (2) Not Serviced (3) Not Necessary to Repair. Remove Plate, Shaft & Handle & Plug Holes in Manifold. (4) Not illustrated					
					2N 9N 8N

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GOVERNOR & RELATED PARTS - 9N, 2N, 8N



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GOVERNOR & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9N6022	BTW 01/39 & 12/52	1	Gasket, Governor Housing, Governor to Timing Gear Cover
1A	1	CAPN12502A		AR	Kit, Governor Repair, W/O Proofmeter, 9N, 2N, 8N
1A	2	CAPN12502B	BTW 01/39 & 12/52	AR	Kit, Governor Repair, W/Proofmeter, 8N, Includes 1B to 1F
1A	3	86979852		AR	Kit, Basic Governor Repair, for 86979851 & 86979850 Only
1A	4	86979853		AR	Kit, Complete Governor Repair, for 86979851 & 86979850 Only
1B		9N18186B		1	Race Assy., Lower
1C		9N18188B		1	Race Assy., Upper
1D		358081S		4	Ball
1E		9N18187A		1	Shaft
1F		9N18241		1	Shim, 9N, 2N, 8N
2		9N18179A	BTW 01/39 & 12/52	1	Shaft & Drive Assy., Governor
3		9N18182	BTW 01/39 & 12/52	1	Bearing, Governor Needle
4		9N18183	BTW 01/39 & 12/52	1	Seal, Governor Dust
5	5	9N18184	BTW 01/39 & 12/52	1	Bushing, Governor Thrust
6	5	356491S	BTW 01/39 & 12/52	1	Washer, Bushing to Governor, 53" OD x .06" Thick
7		9N18185C	BTW 01/39 & 12/52	1	Body Assy., Governor, Used in 9N18200C & 8N18204A
7	5	9NAN18185B	BTW 01/39 & 12/52	1	Body Assy., Governor, Used in 9NAN18200B
7		8N18185A	BTW 01/48 & 12/52	1	Body Assy., Governor, Used in 8N18204B & 8N18204C, 8N
7		NLS	BTW 01/48 & 12/52	1	Body Assy., Governor, Used in 8N18204B & 8N18204C, 8N {8N18185B}
8		PL	BTW 01/43 & 12/52	2	Screw, Body to Cover, #8-32 x 1/4", 2N, 8N
8		NLS	BTW 01/39 & 12/43	2	Screw, Body to Cover, #6-32 x .28, 9N, 2N {355027S}
9		9N18186B	BTW 01/39 & 12/52	1	Race Assy., Governor, Lower

- (1) Not illustrated
(2) Not illustrated
(3) Not illustrated
(4) Not illustrated
(5) No Longer Serviced

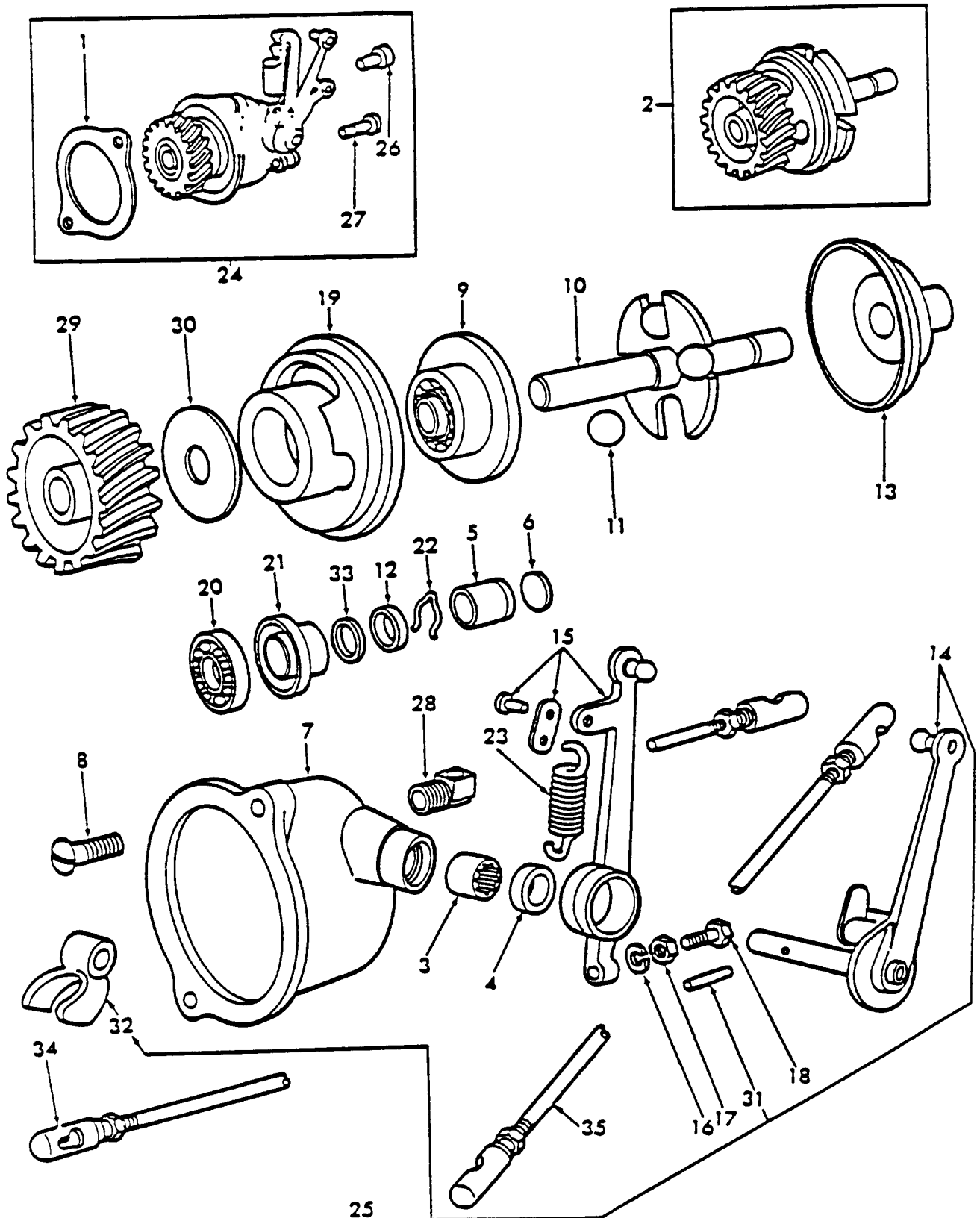
2N 9N 8N

06G01

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GOVERNOR & RELATED PARTS - 9N, 2N, 8N



06G01

p2

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GOVERNOR & RELATED PARTS - 9N, 2N, 8N

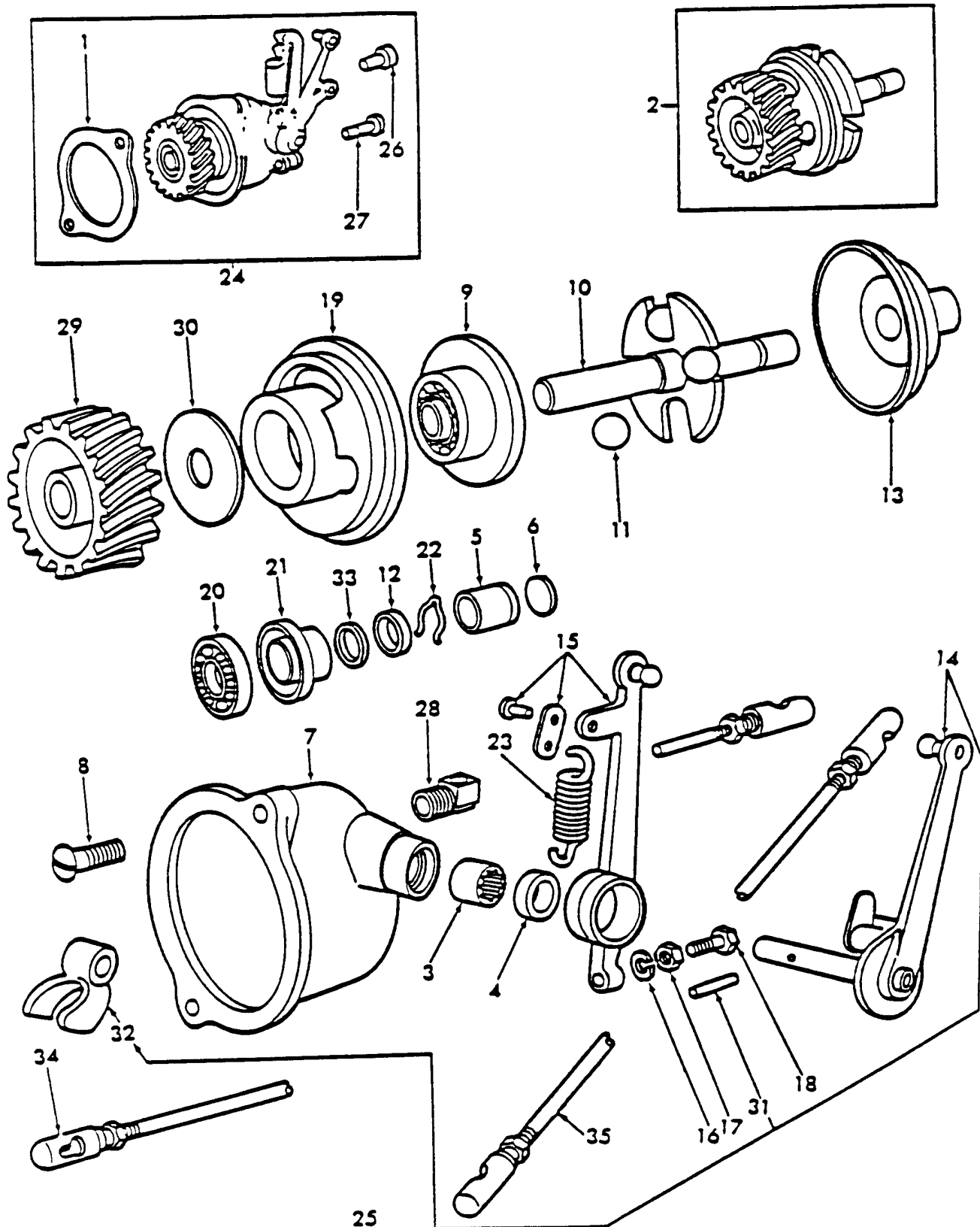
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
10		9N18187A	BTW 01/39 & 12/52	1	Shaft Assy., Governor Drive, Used in 9N18179A, 9N18200C, 9NAN18200B, 8N18204B
10	1	8N18187A	BTW 01/48 & 12/52	1	Shaft Assy., Governor Drive, Used in 8N18204B & 8N18204C, 8N, 8NAN
11		358081S	BTW 01/39 & 12/52	4	Ball, Steel, 5/8"
12		PL	BTW 01/39 & 12/52	2	Washer, Used W/Driveshaft & Shim to Clip, .44" ID x .68" OD x .05" Thick
13		9N18188B	BTW 01/39 & 12/52	1	Race Assy., Governor, Upper
14		9N18189	BTW 01/39 & 12/52	1	Lever Assy., Governor, Used W/9N18200C & 8N18204B, 9N, 2N, 8N, 8NAN
14		NLS	BTW 01/39 & 12/52	1	Lever Assy., Governor, Used W/9NAN18200B, 9NAN, 2NAN, 8NAN {9NAN18189}
15	1	9N18190	BTW 01/39 & 12/47	1	Lever Assy., Governor, Manual, 9N, 2N
15	1	9NAN18190	BTW 01/39 & 12/52	1	Lever Assy., Governor, Manual, 9NAN, 2NAN, 8NAN
15	1	8N18190	BTW 01/48 & 12/52	1	Lever Assy., Governor, Manual, 8N
16		PL		AR	Washer, Lock, 1/4"
17		PL		AR	Nut, Hex, 1/4"-28
18	1	355233S8	BTW 01/39 & 12/52	1	Bolt, Governor Adjusting, 1/4"-28 x 3/4"
19	1	8N18191A	BTW 01/39 & 12/52	1	Base, Governor, Opt. W/B
19		NLS	BTW 01/39 & 12/52	1	Base, Governor, Opt. W/A {8N18191B}
20		9N18192	BTW 01/39 & 12/52	1	Bearing Assy., Governor Thrust Ball
21		9N18194	BTW 01/39 & 12/52	1	Base, Governor Fork
22		PL	BTW 01/39 & 12/52	1	Clip, Governor Driveshaft
23		9N18196	BTW 01/39 & 12/52	1	Spring, Governor Lever
24		86979851	BTW 01/39 & 12/47	1	Governor Assy., 9N, 2N
24		NLS	BTW 01/39 & 12/52	1	Governor Assy., 9NAN, 2NAN, 8NAN {8N18204A}
25		86979850		1	Governor Assy., Replaces 8N18204B
25		NLS	BTW 01/48 & 12/52	1	Governor Assy., Used on 8NAN W/Proofmeter, Optional W/B, 8N, 8NAN Washer, Lock, 3/8" Nut, Hex, 3/8"-16 {8N18204C}
26	1	355575S7	BTW 01/48 & 12/52	1	Screw & Lockwasher Assy., 3/8"-16 x 1", 8N, 8NAN
27		NS	BTW 01/48 & 12/52	1	Screw & Lockwasher Assy., 3/8"-16 x 1-3/4", Above Parts Used for Governor Assy. to Timing Gear Side Cover, 8N, 8NAN
(1) No Longer Serviced					
					2N 9N 8N

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GOVERNOR & RELATED PARTS - 9N, 2N, 8N



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GOVERNOR & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
28		87381S	BTW 01/39 & 12/52	1	Elbow, Oil Line, Filter to Governor, 1/8"
29	1	8N18222	BTW 01/39 & 12/52	1	Gear, Governor Drive
30		357319S	BTW 01/48 & 12/52	1	Washer, Fiber Flat, Governor Drive Gear Thrust, .44, 8N
31	1	9N18224	BTW 01/39 & 12/52	1	Pin, Governor Fork to Lever Shaft
32	1	9N18235	BTW 01/39 & 12/52	1	Fork, Governor
33		9N18241	BTW 01/39 & 12/52	AR	Shim, Governor Driveshaft, Ball Stop, 9N, 2N, 8N
34		8N9815	BTW 01/48 & 12/52	1	Rod Assy., Lever to Governor, 8N
34		9N9815B	BTW 01/39 & 12/47	1	Rod Assy., Lever to Governor, 9N, 2N
35		9N9818A	BTW 01/39 & 12/52	1	Rod Assy., Governor to Carburetor, 9N, 2N, 8N
35	1	9NAN9818	BTW 01/39 & 12/52	1	8NAN W/Caburetor, Not Used on 9NAN, 2NAN, 8NAN Rod Assy., 600 to Carburetor, 9NAN, 2NAN, 8NAN

(1) No Longer Serviced

2N 9N 8N

SECTION INDEX

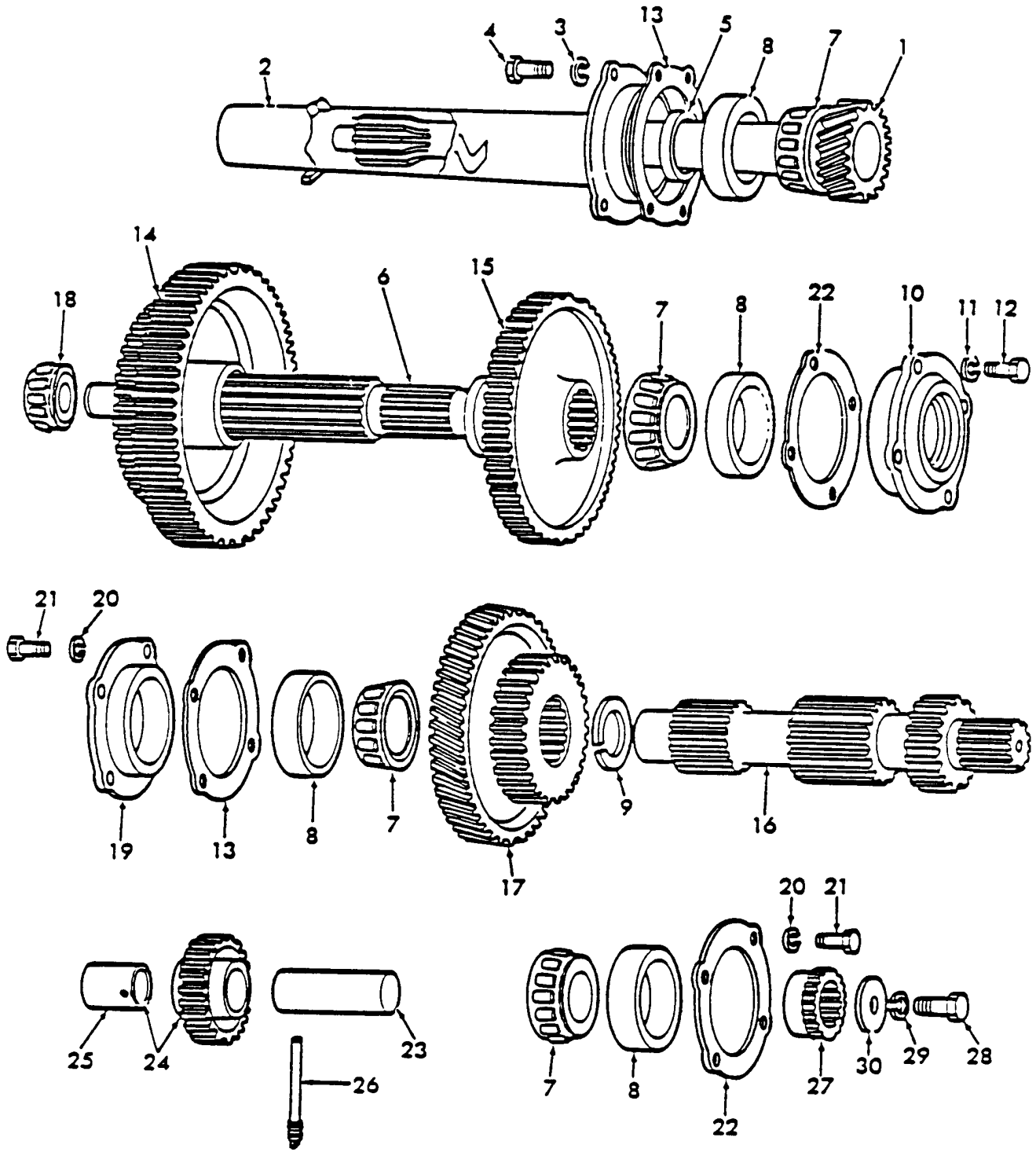
07A01	3-SPEED TRANSMISSION (1939/47) - 9N, 2N
07A02	4-SPEED TRANSMISSION (1948/52) - 8N
07B01	GEARSHIFT & RELATED PARTS - 9N, 2N
07B02	GEARSHIFT & RELATED PARTS - 8N
07C01	TRANSMISSION CASE, CLUTCH & RELATED PARTS - 9N, 2N, 8N
07D01	PTO SHIFTER LEVER, FORK & RELATED PARTS - 9N, 2N, 8N
07E01	PTO ASSEMBLY - 9N, 2N, 8N

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12/00

3-SPEED TRANSMISSION (1939/47) - 9N, 2N



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12/00

3-SPEED TRANSMISSION (1939/47) - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	2N7017A	BTW 01/39 & 12/47	1	Gear, Transmission, Main Drive
2		9N7050	BTW 01/39 & 12/47	1	Retainer Assy., Transmission Main Drive, Gear Bearing, Includes: Cap, 9N7062
3		PL		AR	Washer, Lock, 3/8"
4		PL		4	Bolt, Return to Transmission, 3/8"-16 x 1-1/4"
5		8N7052A2	BTW 01/39 & 12/47	1	Seal Assy., Oil, Transmission Main Drive, Gear Bearing
6	1	9N7061	BTW 01/39 & 12/47	1	Shaft, Transmission, Main
7		86516471	BTW 01/39 & 12/47	1	Cone, Bearing, Inner, 1-3/8" ID x 31/32" Wide, Transmission Countershaft Bearing, Rear
7		86516471	BTW 01/39 & 12/47	1	Cone, Bearing, Inner, 1-3/8" ID x 31/32" Wide, Transmission Countershaft Bearing, Front
7		86516471	BTW 01/39 & 12/47	2	Cone, Bearing, Inner, 1-3/8" ID x 31/32" Wide, Main Drive, Gear Bearing
8		517512	BTW 01/39 & 12/47	1	Bearing, Cup, 2-7/8" OD, Transmission Countershaft Bearing, Return
8		517512	BTW 01/39 & 12/47	2	Bearing, Cup, 2-7/8" OD, Main Drive Gear
8		517512	BTW 01/39 & 12/47	1	Bearing, Cup, 2-7/8" OD, Transmission Output, Rear
9	1	9N7070	BTW 01/39 & 12/47	1	Ring, Snap, Transmission Countershaft, 1.64" Dia.
10	1	9N7085	BTW 01/39 & 12/47	1	Retainer Assy., Transmission Shaft Bearing, Main
11		PL		AR	Washer, Lock, 3/8"
12	1	355545S	BTW 01/39 & 12/47	4	Bolt, HH, Return & Shims to Transmission Case, 3/8"-16 x 1.25"
13		9N7086	BTW 01/39 & 12/47	1	Gasket, Main Drive Gear Bearing, Retainer
13		9N7086	BTW 01/39 & 12/47	1	Gasket, Countershaft Bearing Return
14	1	9N7100	BTW 01/39 & 12/47	1	Gear, Transmission Sliding, First & Third
15		9N7101	BTW 01/39 & 12/47	1	Gear, Transmission Sliding, Second & Reverse
16	1	9N7111	BTW 01/39 & 12/47	1	Countershaft, Transmission
17	1	2N7113A	BTW 01/39 & 12/47	1	Gear, Transmission Countershaft, Used W/2N7017A Standard Ratio
18		81804773	From 01/39	1	Bearing Assy., Transmission Main Shaft Pilot
19	1	9N7134	BTW 01/39 & 12/47	1	Retainer Assy., Countershaft Bearing
20		PL		AR	Washer, Lock, 3/8"
21	1	355545S	BTW 01/39 & 12/47	1	Bolt, HH, Countershaft Bearing Return to
(1) No Longer Serviced					

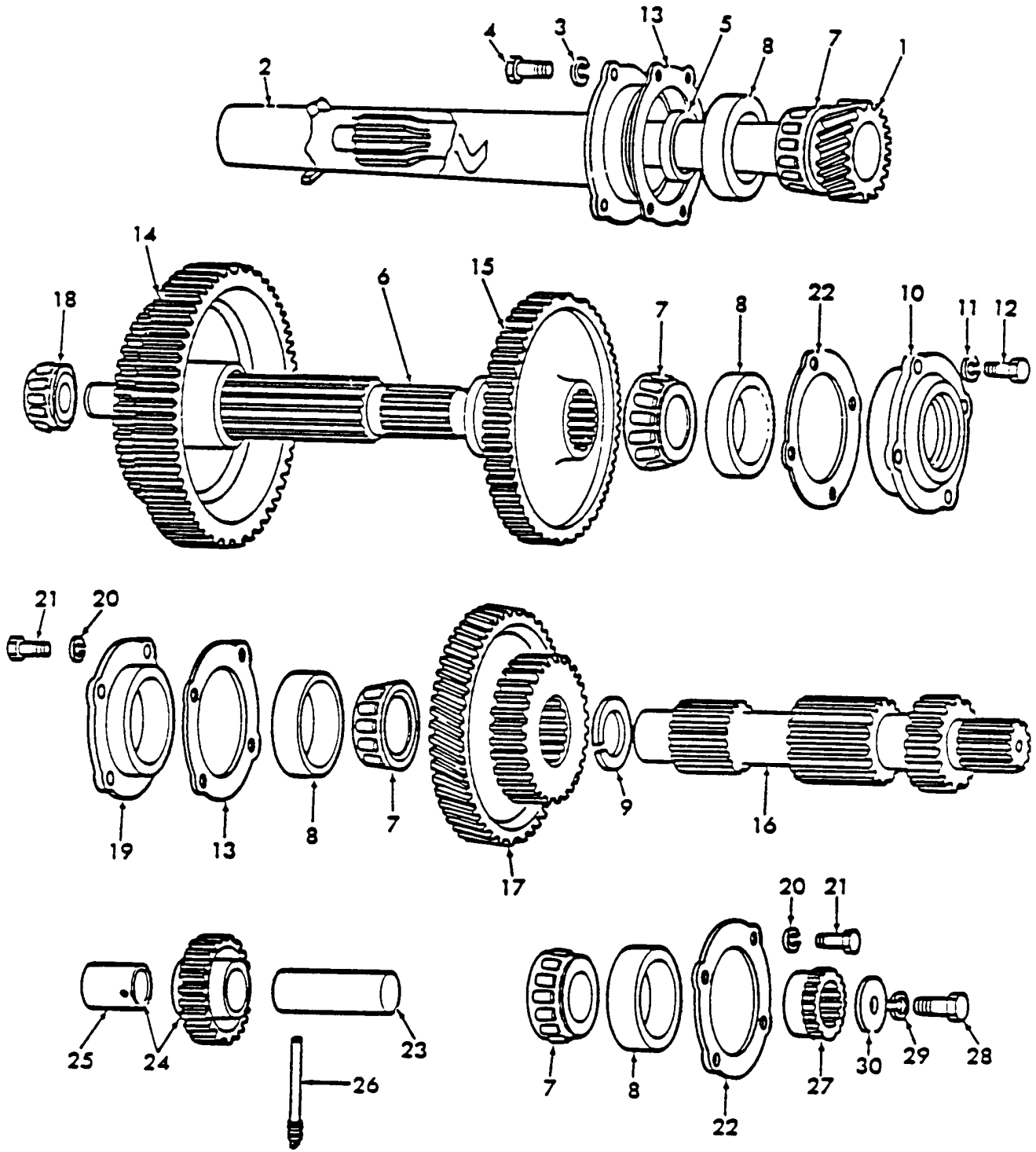
2N 9N

07A01

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12/00

3-SPEED TRANSMISSION (1939/47) - 9N, 2N



07A01

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12/00

3-SPEED TRANSMISSION (1939/47) - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
22		C3NN7135A	BTW 01/39 & 12/47	AR	Shim, Transmission Output Shaft, Bearing Retainer, .003"
22		C3NN7135B	BTW 01/39 & 12/47	AR	Shim, Transmission Output Shaft, Bearing Retainer, .005"
22		C3NN7135C	BTW 01/39 & 12/47	AR	Shim, Transmission Output Shaft,
22		C3NN7135A	BTW 01/39 & 12/47	AR	Shim, Transmission Countershaft, Bearing Retainer, .003"
22		C3NN7135B	BTW 01/39 & 12/47	AR	Shim, Transmission Countershaft, Bearing Retainer, .005"
22		C3NN7135C	BTW 01/39 & 12/47	AR	Shim, Transmission Countershaft, Bearing Retainer, .012"
23	1	9N7140	BTW 01/39 & 12/47	1	Shaft, Transmission Reverse, Idler Gear
24	1	9N7141	BTW 01/39 & 12/47	1	Gear & Bushing Assy., Transmission Reverse Idler
25		PL	BTW 01/39 & 12/47	1	Bushing, Reverse Idler Gear
26		PL	BTW 01/39 & 12/47	1	Pin, Reverse Idler Gear Shaft
27	1	9N716	BTW 01/39 & 12/47	1	Hub, PTO Clutch
28		PL	BTW 01/39 & 12/47	1	Bolt, HH, 3/8"-24 x .88
29		PL	BTW 01/39 & 12/47	1	Washer, Lock, 3/8"
30	1	351402S		1	Washer, 13/32" ID x 1-1/2" OD Bearing Retainer, .012"

(1) No Longer Serviced

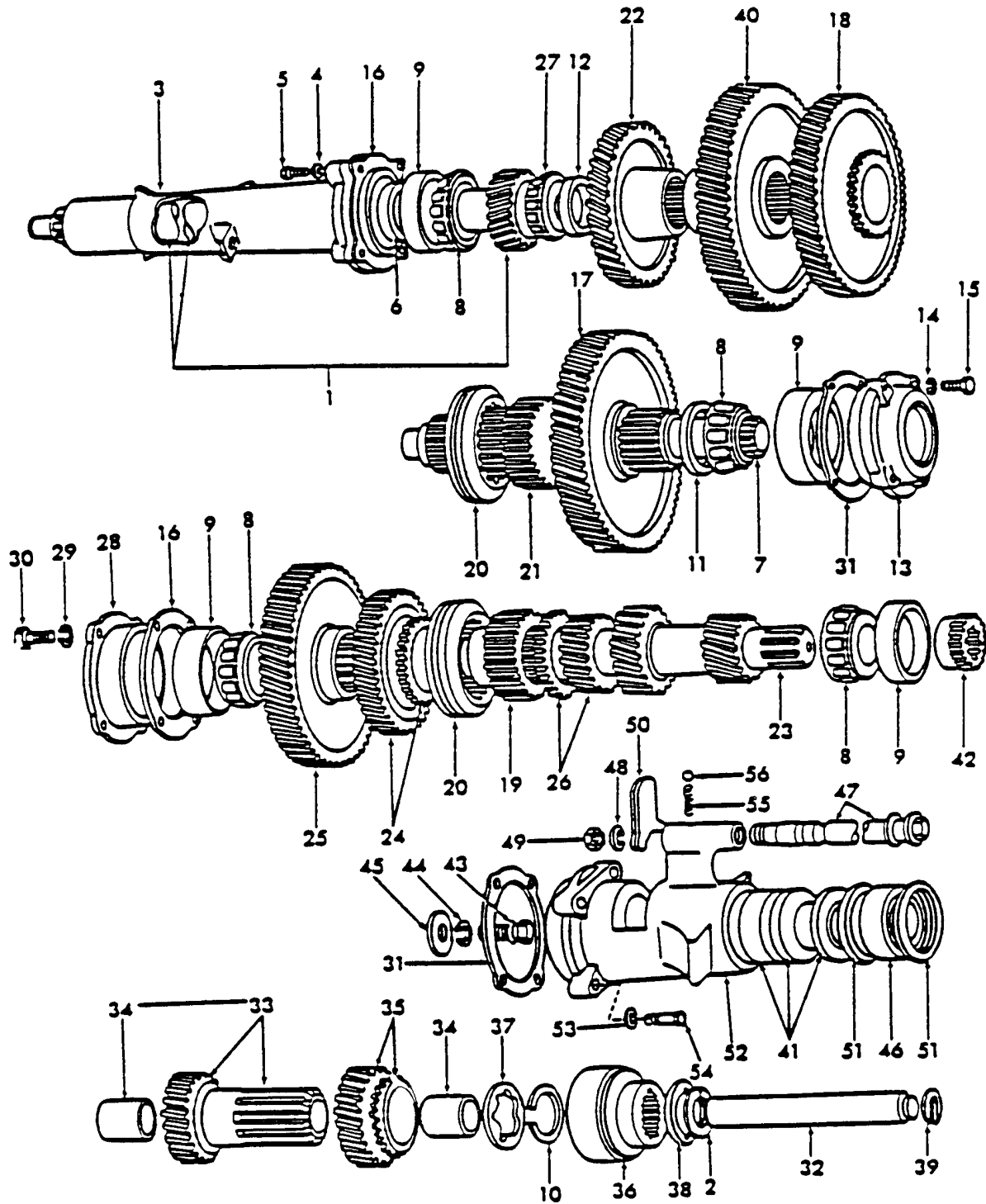
2N 9N

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4-SPEED TRANSMISSION (1948/52) - 8N



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4-SPEED TRANSMISSION (1948/52) - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		2N7017A	BTW 01/48 & 12/52	1	Gear, Transmission, Main Drive
2		8N7029	BTW 01/48 & 12/52	1	Washer, Thrust, Transmission Reverse Idler, Rear, 1-9/64" OD, Used W/8N7149
3		9N7050	BTW 01/48 & 12/52	1	Retainer Assy., Transmission, Main Drive, Gear Bearing, Includes: Cap, 9N7062
4		PL		AR	Washer, Lock, 3/8"
5		PL		4	Bolt, Return to Transmission, 3/8"-16 x 1-1/4"
6		8N7052A2	BTW 01/48 & 12/52	1	Seal Assy., Oil, Transmission, Main Drive Gear Bearing
7		8N7061	BTW 01/48 & 12/52	1	Shaft, Transmission, Main
8		86516471	BTW 01/48 & 12/52	1	Cone, Bearing, Inner, 1-3/8" ID x 31/32" Wide, Transmission Countershaft Bearing, Rear
8		86516471	BTW 01/48 & 12/52	1	Cone, Bearing, Inner, 1-3/8" ID x 31/32" Wide, Transmission Countershaft Bearing, Front
8		86516471	BTW 01/48 & 12/52	2	Cone, Bearing, Inner, 1-3/8" ID x 31/32" Wide, Main Drive Gear Bearing
9		517512	BTW 01/48 & 12/52	1	Bearing, Cup, 2-7/8" OD, Transmission Countershaft, Return
9		517512	BTW 01/48 & 12/52	2	Bearing, Cup, 2-7/8" OD, Main Drive Gear
9		517512	BTW 01/48 & 12/52	1	Bearing, Cup, 2-7/8" OD, Transmission Output, Rear
10		9N7070	BTW 01/48 & 12/52	1	Ring, Snap, Reverse Idler Gear
11		8N7071A	BTW 01/48 & 12/52	1	Washer, Thrust, Main Drive Shaft, 1st Speed Gear, 1.77" ID x 2.50" OD
12		8N7071B	BTW 01/48 & 12/52	1	Washer, Thrust, Main Drive Shaft, 1.32" ID x 2.12" OD
13		9N7085	BTW 01/48 & 12/52	1	Retainer Assy., Transmission Shaft Bearing, Main
14		PL		AR	Washer, Lock, 3/8"
15		355545S	BTW 01/48 & 12/52	4	Bolt, HH, Return & Shims to Transmission Case, 3/8"-16 x 1.25"
16		9N7086	BTW 01/48 & 12/52	1	Gasket, Main Drive Gear Bearing, Retainer
16		9N7086	BTW 01/48 & 12/52	1	Gasket, Countershaft Bearing Return
17		8N7100	BTW 01/48 & 12/52	1	Gear, Transmission, First
18		8N7102	BTW 01/48 & 12/52	1	Gear, Transmission, Third
19		8N7105B	BTW 01/48 & 12/52	1	Connector, Transmission Countershaft
20		E6NN7106AA	BTW 01/48 & 12/52	1	Coupling, Transmission Countershaft Connector
20		E6NN7106AA	BTW 01/48 & 12/52	1	Coupling, Main Shaft Connector

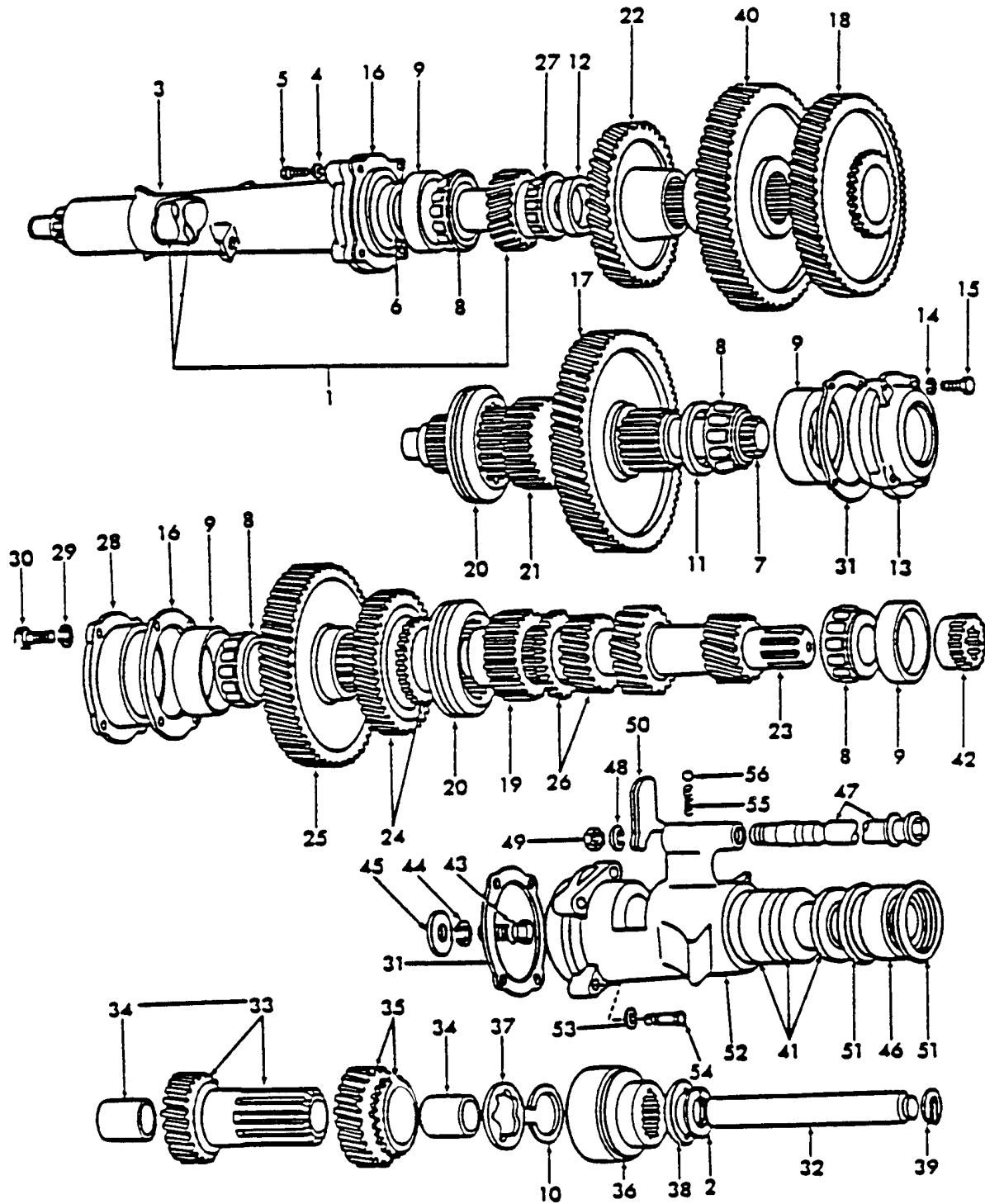
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4-SPEED TRANSMISSION (1948/52) - 8N



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4-SPEED TRANSMISSION (1948/52) - 8N

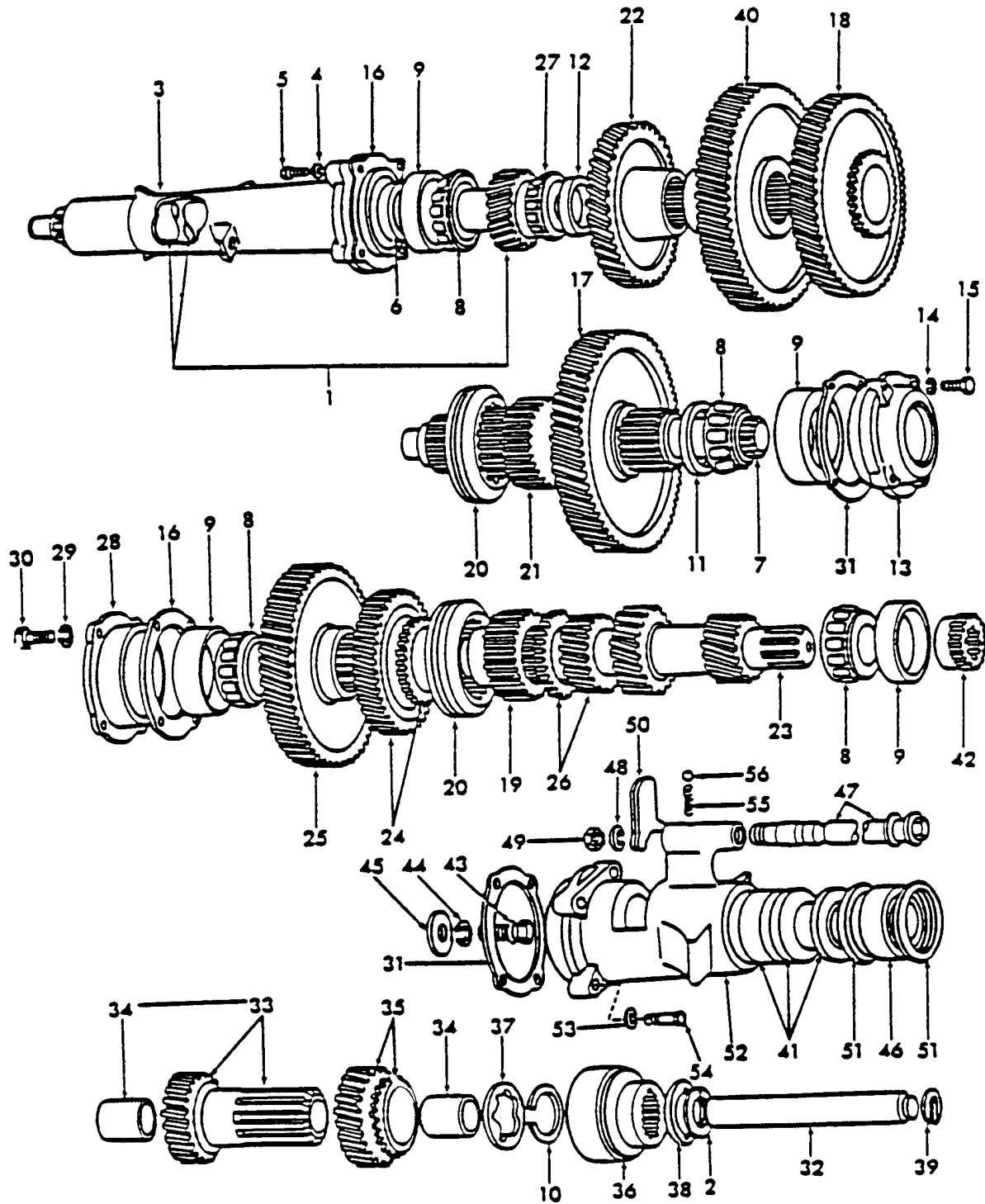
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21		8N7108	BTW 01/48 & 12/52	1	Connector, Transmission Main Shaft, Coupling
22		8N7110	BTW 01/48 & 12/52	1	Gear, Transmission Main Shaft, Fourth
23		8N7111	BTW 01/48 & 12/52	1	Countershaft, Transmission
24		8N7112	BTW 01/48 & 12/52	1	Gear, Transmission Countershaft, Fourth Speed
25		8N7113B	BTW 01/48 & 12/52	1	Gear, Transmission Countershaft, Used W/2N7017A
26		B9NN7114A	BTW 01/48 & 12/52	1	Gear, Transmission Countershaft, Second Shaft, Includes: Cap, 9N-7062
27		81804773	From 01/48	1	Bearing Assy., Transmission Main Shaft, Pilot
28		9N7134	BTW 01/48 & 12/52	1	Retainer Assy., Countershaft Bearing
29		PL		AR	Washer, Lock, 3/8"
30		355545S	BTW 01/48 & 12/52	1	Bolt, HH, Countershaft Bearing Return to Bearing Retainer, .012"
31		C3NN7135A	BTW 01/48 & 12/52	AR	Shim, Transmission Output Shaft, Bearing Retainer, .003"
31		C3NN7135B	BTW 01/48 & 12/52	AR	Shim, Transmission Output Shaft,
31		C3NN7135C	BTW 01/48 & 12/52	AR	Shim, Transmission Output Shaft, Bearing Retainer, .012"
31		C3NN7135A	BTW 01/48 & 12/52	AR	Shim, Transmission Countershaft, Bearing Retainer, .003"
31		C3NN7135B	BTW 01/48 & 12/52	AR	Shim, Transmission Countershaft, Bearing Retainer, .005"
31		C3NN7135C	BTW 01/48 & 12/52	AR	Shim, Transmission Countershaft, Bearing Retainer, .005"
32		NAA7140A	BTW 01/48 & 12/52	1	Shaft, Transmission, Reverse Idler Gear, 8N
33		8N7141	BTW 01/48 & 12/52	1	Gear & Bushing Assy., Transmission, Reverse Idler
34		8N7143A	BTW 01/48 & 12/52	2	Bushing, Reverse Idler Gear, 8N
35		8N7144	BTW 01/48 & 12/52	1	Gear, Transmission, Reverse Idler, Driven, 8N
36		8N7145	BTW 01/48 & 12/52	1	Coupling, Transmission, Reverse Gear Shift, 8N
37		8N7148	BTW 01/48 & 12/52	1	Washer, Thrust, Transmission Reverse Idler Gear, 2.16" OD, 8N
38		8N7149	BTW 01/48 & 12/52	1	Washer, Thrust, Transmission Reverse Idler, Front 2" OD, Used W/8N-7029, 8N
39		8N7155	BTW 01/48 & 12/52	1	Ring, Snap, Reverse Idler Gear Shaft, 8N
40		B9NN7A381B	BTW 01/48 & 12/52	1	Gear, Transmission, Second, 4-Speed Transmission, 8N
					8N

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4-SPEED TRANSMISSION (1948/52) - 8N



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4-SPEED TRANSMISSION (1948/52) - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
41		NLS	BTW 01/48 & 12/52	1	Bearing Assy., PTO Shifter & Shaft {9N715B}
41		210064	BTW 01/48 & 12/52	1	Bearing Assy., PTO Shifter & Shaft
42		9N716	BTW 01/48 & 12/52	1	Hub, PTO Clutch
43		PL	BTW 01/48 & 12/52	1	Bolt, HH, Clutch Hub to Transmission
44		PL		AR	Washer, Lock, 3/8"
45		351402S	BTW 01/48 & 12/52	1	Washer, 13/32" ID - 1-1/2" OD
46		2N717	BTW 01/48 & 12/52	1	Sleeve, PTO Clutch
47		9N719	BTW 01/48 & 12/52	1	Rail, PTO Shifter
48		PL		AR	Washer, Lock, 3/8"
49		PL	BTW 01/48 & 12/52	1	Nut, Hex, Shifter Stop to Rail, 3/8"-24
50		NAA722A	BTW 01/48 & 12/52	1	Stop, PTO Shifter, A1 & A2 are Alternate
51		9N754	BTW 01/48 & 12/52	2	Ring, Snap, PTO Bearing
52		8N770	BTW 01/48 & 12/52	1	Support, PTO
53		PL		AR	Washer, Lock, 3/8"
54		355545S	BTW 01/48 & 12/52	4	Bolt, HH, Support to Transmission, 3/8"-16 x 1.25
55		797234	BTW 01/48 & 12/52	1	Spring, PTO Shifter, Rail Mesh
56		145222	BTW 01/48 & 12/52	1	Ball, Steel, Shifter Fork Spring, 3/8" Transmission Case, 3/8"-16 x 1-1/4"

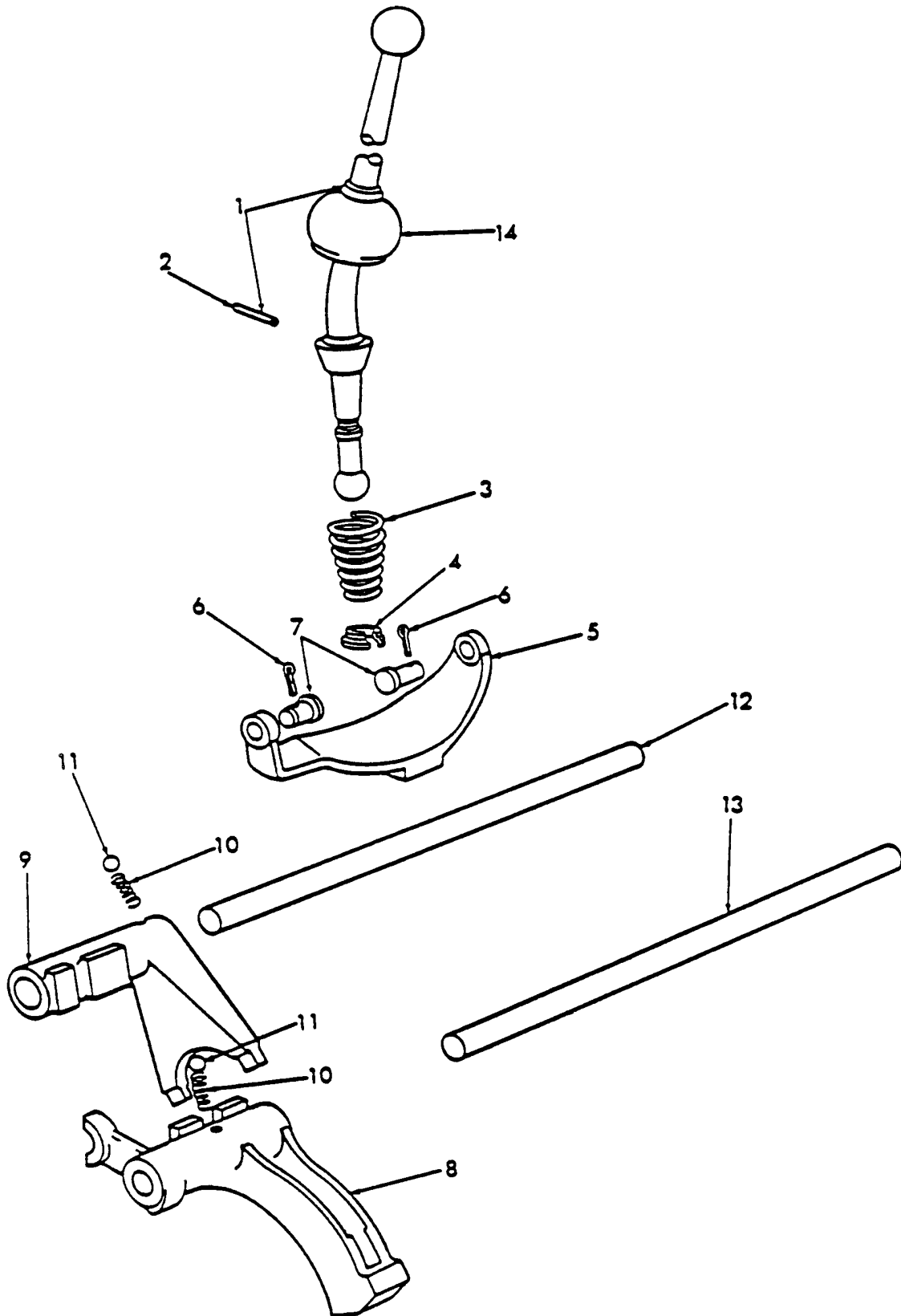
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GEARSHIFT & RELATED PARTS - 9N, 2N



07B01

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03/04

GEARSHIFT & RELATED PARTS - 9N, 2N

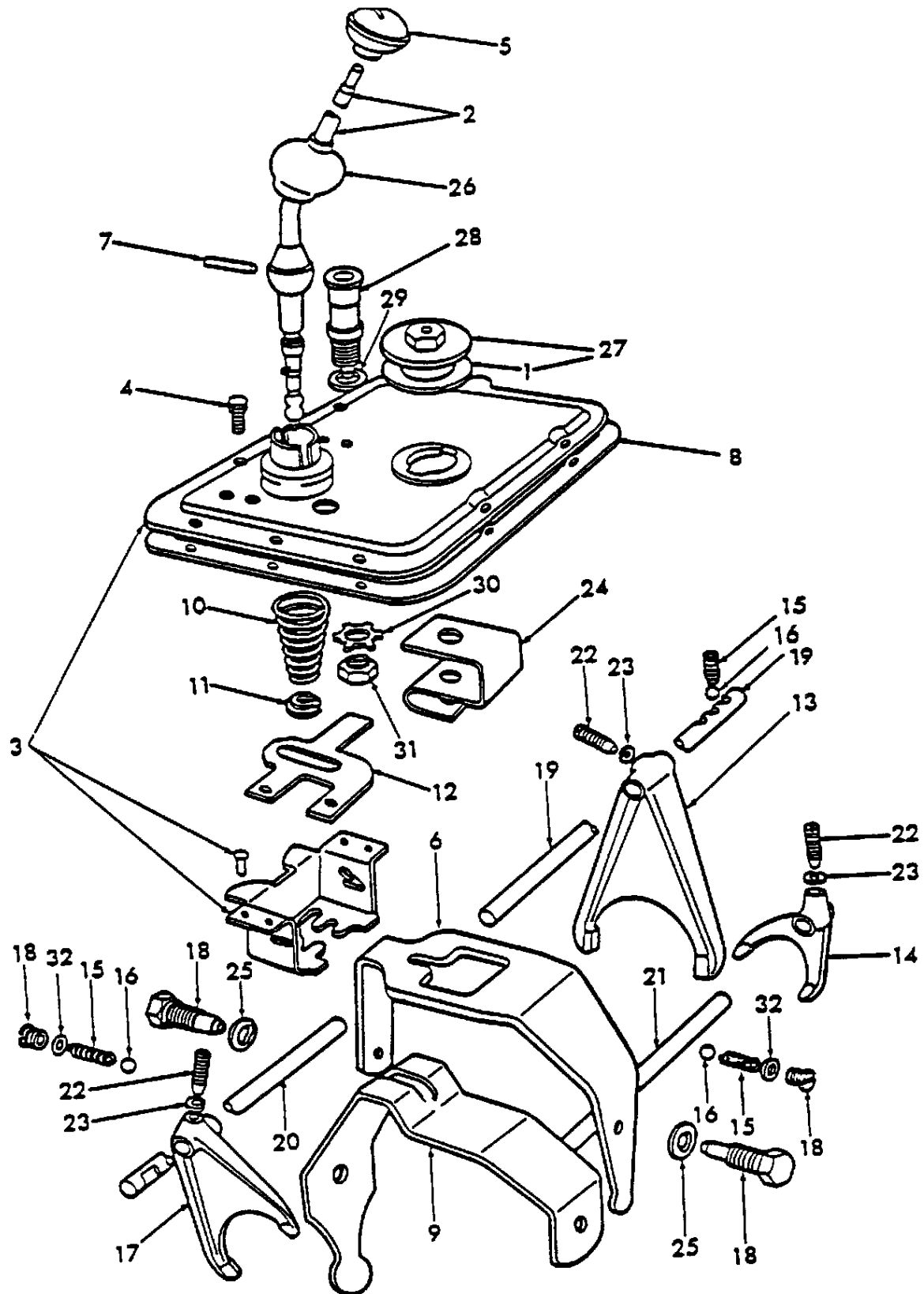
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9N7209	BTW 01/39 & 12/47	1	Lever, Gearshift Assy.
2		9N7221B	BTW 01/39 & 12/47	1	Pin, Gearshift Lever
3		9N7227B	BTW 01/39 & 12/47	1	Spring, Gearshift Lever
4		9N7228A2	BTW 01/39 & 12/47	1	Seat, Gearshift, Lever Spring
5	1	NLS	BTW 01/39 & 12/40	1	Lock, Interlock, Gearshift, Lock, 9N
5	2	9N7229B	BTW 01/40 & 12/47	1	Lock, Interlock, Gearshift, Lock, 9N
5		9N7229B	BTW 01/40 & 12/47	1	Lock, Interlock, Gearshift, Lock, 2N
6		PL		AR	Pin, Cotter, 1/16" x 1/2"
7		PL	BTW 01/39 & 12/47	2	Pin, Clevis, Gear Lock to Lower Housing, 3/16" x 1"
8	1	9N7230A	BTW 01/39 & 12/40	1	Lock, Transmission Shifter, First & Third Gear, 9N
8	2	9N7230B	BTW 01/40 & 12/47	1	Fork, Transmission Shifter, First & Third Gear
9	1	9N7231A	BTW 01/39 & 12/40	1	Fork, Transmission Shifter, Second & Reverse Gear, Used W/9N7223A, 9N
9	2	9N7231B	BTW 01/40 & 12/47	1	Fork, Transmission Shifter, Second & Reverse Gear, Used W/9N7223B, 9N
9		9N7231B	BTW 01/40 & 12/47	1	Fork, Transmission Shifter, Second & Reverse Gear, Used W/9N-7223B, 2N
10		797234	BTW 01/39 & 12/47	2	Spring, Transmission Gear Shift, Rail
11		145222	BTW 01/39 & 12/47	2	Ball, Shifter Fork Spring, 3/8"
12		9N7240A	BTW 01/39 & 12/47	1	Rod, Gear Shifter Selector, RH
13		9N7241	BTW 01/39 & 12/47	1	Rod, Gear Shifter Selector, LH
14		C5NN7277C	BTW 01/39 & 12/47	1	Seal, Gearshift Lever, Dust

(1) Used on & BSN 12500

(2) Used On & ASN 12499 * No Longer Serviced

2N 9N

GEARSHIFT & RELATED PARTS - 8N



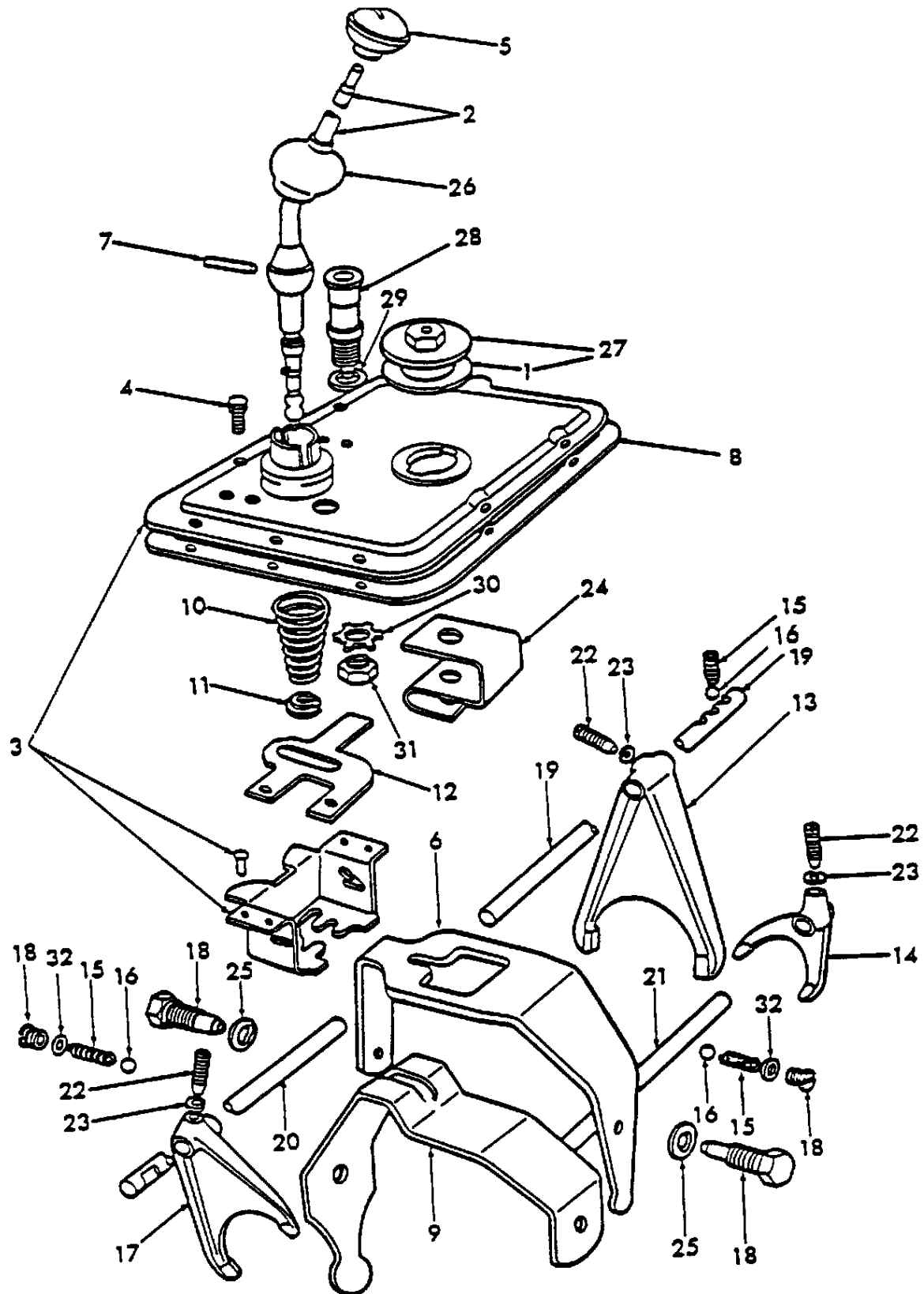
GEARSHIFT & RELATED PARTS - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NLS	BTW 01/48 & 12/52	1	Gasket, Transmission Filler Plug {8N7037}
2		C5NN7202B	BTW 01/48 & 12/52	1	Lever, Gearshift
3		NAA7211A	BTW 01/48 & 12/52	1	Cover Assy., Transmission
4		PL	BTW 01/48 & 12/52	9	Bolt, HH, Transmission Cover to Transmission Housing,
5	1	C5NN7213A	BTW 01/50 & 12/52	1	Ball Assy., 5/16" - 24 Threads, Transmission Gearshift Lever
5		D5NN7213A		1	Ball Assy., 3/8" - 24 Threads, Transmission Gear Shift Lever
6		8N7216	BTW 01/48 & 12/52	1	Plate, Transmission, Reverse Gearshift
7		9N7221B	BTW 01/48 & 12/52	1	Pin, Gearshift Lever
8		E6NN7223BA	BTW 01/48 & 12/52	1	Gasket, Gearshift Cover
9		8N7225	BTW 01/48 & 12/52	1	Plate, Second & Fourth, Transmission Gearshift
10		9N7227B	BTW 01/48 & 12/52	1	Spring, Gearshift Lever
11		9N7228A2	BTW 01/48 & 12/52	1	Seat, Gearshift, Lever Spring
12		8N7229	BTW 01/48 & 12/52	1	Latch, Starter, Safety
13		NCA7230A	BTW 01/48 & 12/52	1	Fork, Transmission Shifter, First & Third Gear
14		8N7231	BTW 01/48 & 12/52	1	Fork, Transmission Shifter, Reverse Gear
15		797234	BTW 01/48 & 12/52	3	Spring, Transmission Gearshift, Rail
16		145222	BTW 01/48 & 12/52	3	Ball, Shifter Fork Spring, 3/8"
16		145222	BTW 01/48 & 12/52	1	Ball, Steel, Between Rod & Rail, 3/8"
16		145222	BTW 01/48 & 12/52	1	Ball, Between Rail & Gearshift Shaft, Lock Plunger Spring Seat, 3/8"
17		C5NN7N236B	BTW 01/48 & 12/52	1	Fork, Transmission, Second & Fourth Gear Shifter
18		747238F	BTW 01/48 & 12/52	2	Seat, Gear Shifter, Rail Spring
18		8N7238	BTW 01/48 & 12/52	2	Pivot, Transmission Shifter Plate
19		D8NN7240AB	BTW 01/48 & 12/52	1	Rail, Transmission, First & Third Gear Shifter
20		D3NN7241A	BTW 01/48 & 12/52	1	Rail, Transmission, Second & Fourth Gear Shifter
21		8N7242	BTW 01/48 & 12/52	1	Rail, Transmission, Reverse Gear Shifter Fork
22		8N7245	BTW 01/48 & 12/52	3	Screw, Transmission, Fork Lock
23		PL		AR	Nut, Hex, 3/8"-24
24		8N7257	BTW 01/48 & 12/52	1	Support, Starter Switch
25		D9NN7268AA	BTW 01/48 & 12/52	2	Gasket, Transmission Shifter Pivot
26		C5NN7277C	BTW 01/48 & 12/52	1	Seal, Gearshift Lever, Dust

(1) Used On & ASN 252844 * No Longer Serviced

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GEARSHIFT & RELATED PARTS - 8N



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GEARSHIFT & RELATED PARTS - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27		8N7485	BTW 01/48 & 12/52	1	Plug or Cap, Transmission, Filler, 8N Only
27		9N7010		1	Plug, 2" - 12 Threads, Use W/NAA7211A Cover; Also need 8N7011 Gasket
28		8N11500	BTW 01/48 & 12/50	1	Switch Assy., 8N
29		8N11529	BTW 01/48 & 12/50	1	Gasket, Starter Switch, 8N
30		351217S	BTW 01/48 & 12/50	1	Washer, Lock, External Tooth, 3/4", 8N
31		PL	BTW 01/48 & 12/50	1	Nut, Hex, Switch to Transmission Cover, 3/4"-16, 8N
32		E5NN7Z307AA	BTW 01/48 & 12/52	2	Gasket, Transmission Lock, Plunger Seat 3/8"-16 x 3/4"

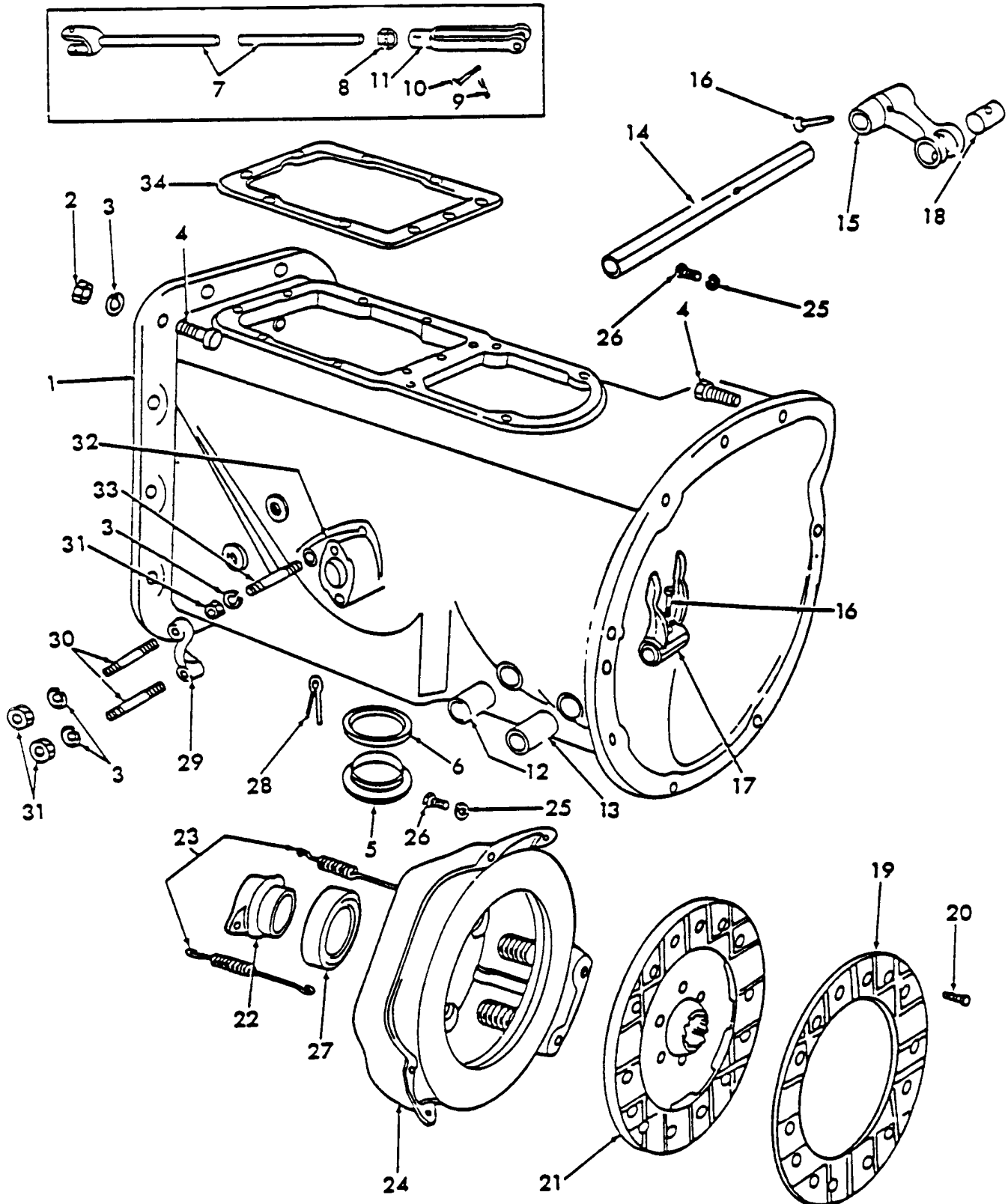
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07C01

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03/04

TRANSMISSION CASE, CLUTCH & RELATED PARTS - 9N, 2N, 8N



07C01

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TRANSMISSION CASE, CLUTCH & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NLS	BTW 01/39 & 12/47	1	Case Assy., Transmission, 9N, 2N
1		NLS	BTW 01/48 & 12/52	1	Case Assy., Transmission, 8N
2		PL		AR	Nut, Hex, 7/16"-14
3		PL		AR	Washer, Lock, 7/16"
4		PL	BTW 01/39 & 12/52	9	Bolt, HH, Transmission Case to Engine, B8NN-7563-A, 8N 7/16"-14 x 1.12, 9N, 2N, 8N
5		9N7010	BTW 01/39 & 12/47	1	Plug, Transmission Drain
5		8N7010	BTW 01/39 & 12/52	1	Plug, Transmission Drain, 9N, 2N, 8N, Includes: Gasket, Magnetized
6		8N7011	BTW 01/39 & 12/52	1	Gasket, Transmission Drain Plug, 9N, 2N, 8N
7		NLS	BTW 01/39 & 12/47	1	Rod, Clutch Release
8		PL		AR	Nut, Hex, 3/8"-24
9		PL		AR	Pin, Cotter, 1/8" x 5/8"
10		PL		AR	Pin, Clevis, 3/8" x 1-3/32"
11		PL	BTW 01/39 & 12/47	1	Clevis, Release Rod to Pedal, 3/8"-24 x 2-1/2"
12		782477	BTW 01/39 & 12/47	2	Bushing, Brake Cross Shaft, 9N, 2N
12		782477	BTW 01/48 & 12/49	4	Bushing, Brake Cross Shaft, 8N
12		C0NN2477A	BTW 01/49 & 12/52	4	Bushing, Brake Cross Shaft, 8N
13		407508A	BTW 01/39 & 12/52	2	Bushing, Clutch Shaft, 9N, 2N, 8N
14		B7510A2	BTW 01/39 & 12/52	1	Shaft, Clutch Release, 9N, 2N, 8N
15		9N7511	BTW 01/39 & 12/47	1	Arm, Clutch Release Shaft
15		86531499	BTW 01/48 & 12/52	1	Arm, Clutch Release Shaft, Used W/8N7520B, 8N
16		352581S8	BTW 01/39 & 12/52	1	Pin, Flat Hd., Clutch Release Arm to Shaft, 5/16" x 1-1/2", 9N, 2N, 8N
16		352581S8	BTW 01/39 & 12/52	1	Pin, Flat Hd., Clutch Release Shaft to Fork, 5/16" x 1-1/2", 9N, 2N, 8N
17		487515	BTW 01/39 & 12/52	1	Fork, Clutch Release Shaft, 9N, 2N, 8N
18		8N7533	BTW 01/48 & 12/52	1	Pin, Clutch Release, Shaft Arm, Used W/8N7511B, 8N
19		407549	BTW 01/39 & 12/52	2	Facing, Clutch Disc, Used W/91A7550, 9N, 2N, 8N
19		NLS	BTW 01/39 & 12/52	2	Facing, Clutch Disc, Used W/8N7550 or NAA7550A, 9N, 2N, 8N {NNA7549A}
19		NAA7549B	BTW 01/39 & 12/52	2	Facing, Clutch Disc, used W/NAA7550A, 9N, 2N, 8N
20		351926S	BTW 01/39 & 12/52	24	Rivet, Facing Countersunk, 5/32" x 3/16", 9N, 2N, 8N
20		356922S	BTW 01/39 & 12/52	14	Rivet, Head, Facing Countersunk, 9/64" x 7/32"
21		91A7550	BTW 01/39 & 12/52	1	Disc Assy., Clutch, Use W/09A7563, 9N, 2N, 8N

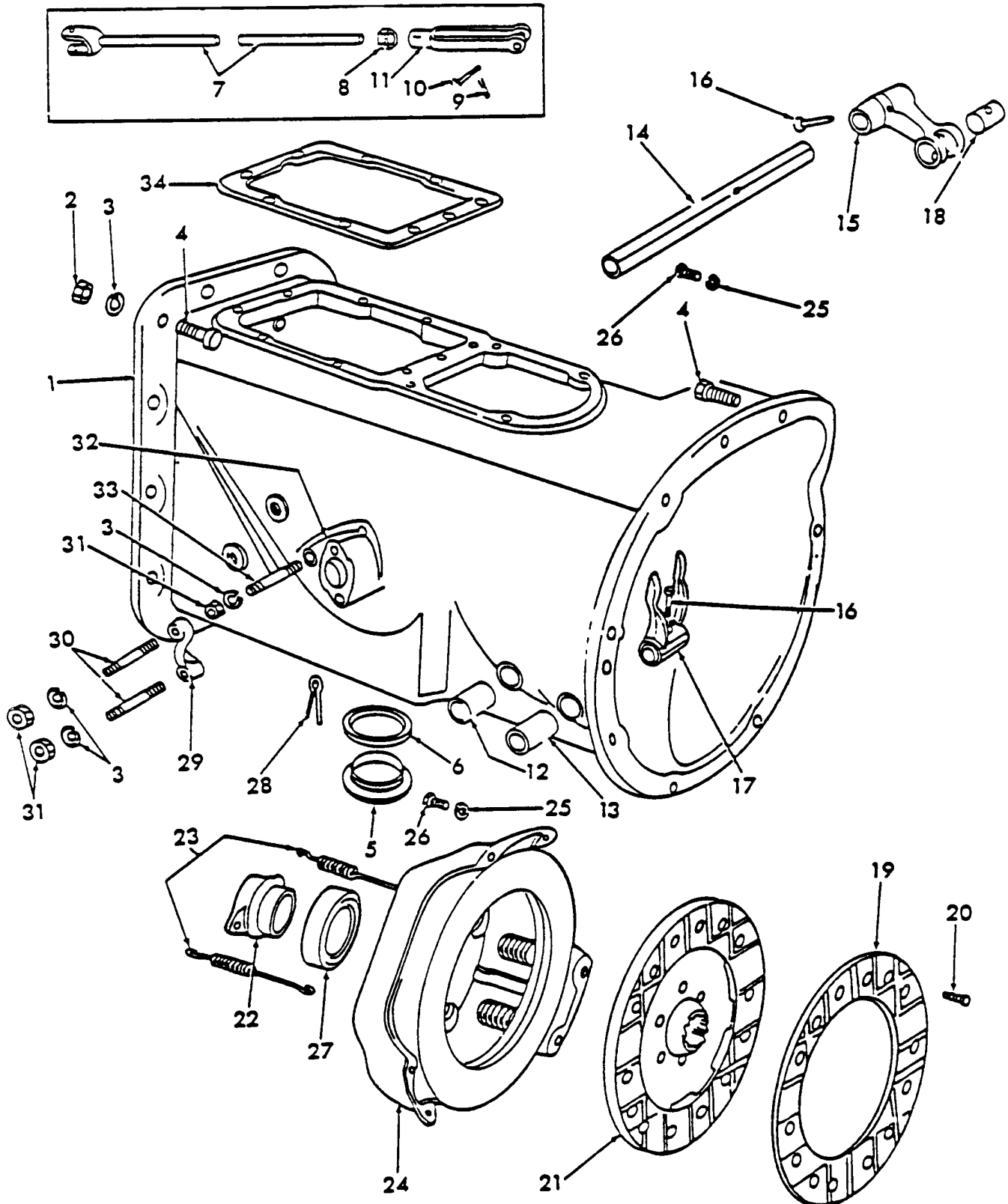
2N 9N 8N

07C01

p2

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TRANSMISSION CASE, CLUTCH & RELATED PARTS - 9N, 2N, 8N



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03/04

TRANSMISSION CASE, CLUTCH & RELATED PARTS - 9N, 2N, 8N

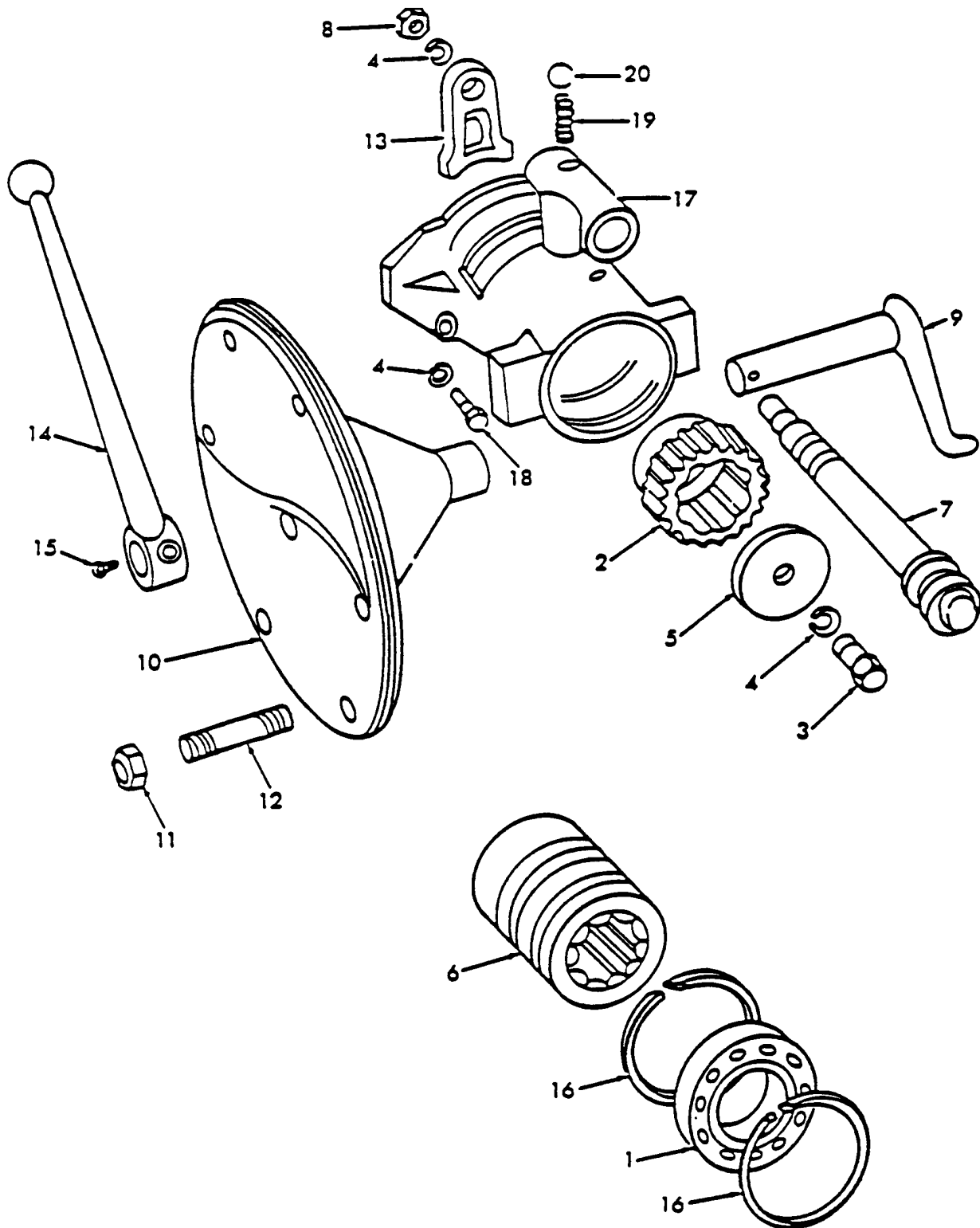
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21		NAA7550A	BTW 01/39 & 12/52	1	Disc Assy., Clutch, Use W/8N7563, 9N, 2N, 8N
21		313299	BTW 01/48 & 12/52	AR	Disc Assy., Clutch, 10" Single, Heavy Duty, Used Prior to S/N 14357 W/Plate & Cylinder
22		9N7561	BTW 01/39 & 12/52	1	Hub, Clutch Release Bearing, Used W/787580A, 9N, 2N, 8N
23		9N7562	BTW 01/39 & 12/52	2	Spring, Clutch Release Bearing, 9N, 2N, 8N
24		09A7563	BTW 01/39 & 12/52	1	Plate & Cylinder Assy., Clutch Press, Use W/91A7550, 9N, 2N, 8N
24		8N7563	BTW 01/39 & 12/52	1	Plate & Cylinder Assy., Clutch Press, Use W/NAA7550A, 9N, 2N, 8N
25		PL		AR	Washer, Lock, 5/16"
26		350433S	BTW 01/39 & 12/52	6	Bolt, Clutch Cover to Flywheel, Spec. Shoulder, 5/16"-18 x .77, 9N, 2N, 8N
27		787580A8	BTW 01/39 & 12/52	1	Bearing Assy., Clutch Release, 9N, 2N, 8N
28		PL	BTW 01/39 & 12/52	1	Pin, Cotter, 7/32" x 1.00", 9N, 2N, 8N
29		C7NN3N406A	BTW 01/48 & 12/52	2	Cap, Radius, Rod Ball, 8N
29		9N3440	BTW 01/39 & 12/47	2	Cap, Radius, Rod Ball, 9N, 2N
30		PL	BTW 01/48 & 12/52	4	Stud, Radius Rod Ball Cap, Spacer & Ring Board, Bracket to Transmission, 7/16"-14-20 x 3-9/16", 8N
30		PL	BTW 01/39 & 12/47	2	Stud, Cap & Spacer to Transmission Case, 7/16" - 14-20 x 3.18", 9N, 2N
31		PL		AR	Nut, Hex, 7/16"-20
32		C5NN3N442C	BTW 01/39 & 12/52	2	Spacer, Radius Rod Ball
33		PL	BTW 01/39 & 12/47	2	Stud, Spacer & Ring Board, Bracket to Transmission Case, 7/16" - 14-20 x 1.57" (88398S)
34		E6NN7223BA	BTW 01/48 & 12/52	1	Gasket, Gearshift Cover, 8N
34		9N7223B	BTW 01/39 & 12/47	1	Gasket, Gearshift Cover, 9N, 2N W/09A-7563, 9N, 2N, 8N
					2N 9N 8N

07D01

p1

03/04

PTO SHIFTER LEVER, FORK & RELATED PARTS - 9N, 2N, 8N



07D01

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PTO SHIFTER LEVER, FORK & RELATED PARTS - 9N, 2N, 8N

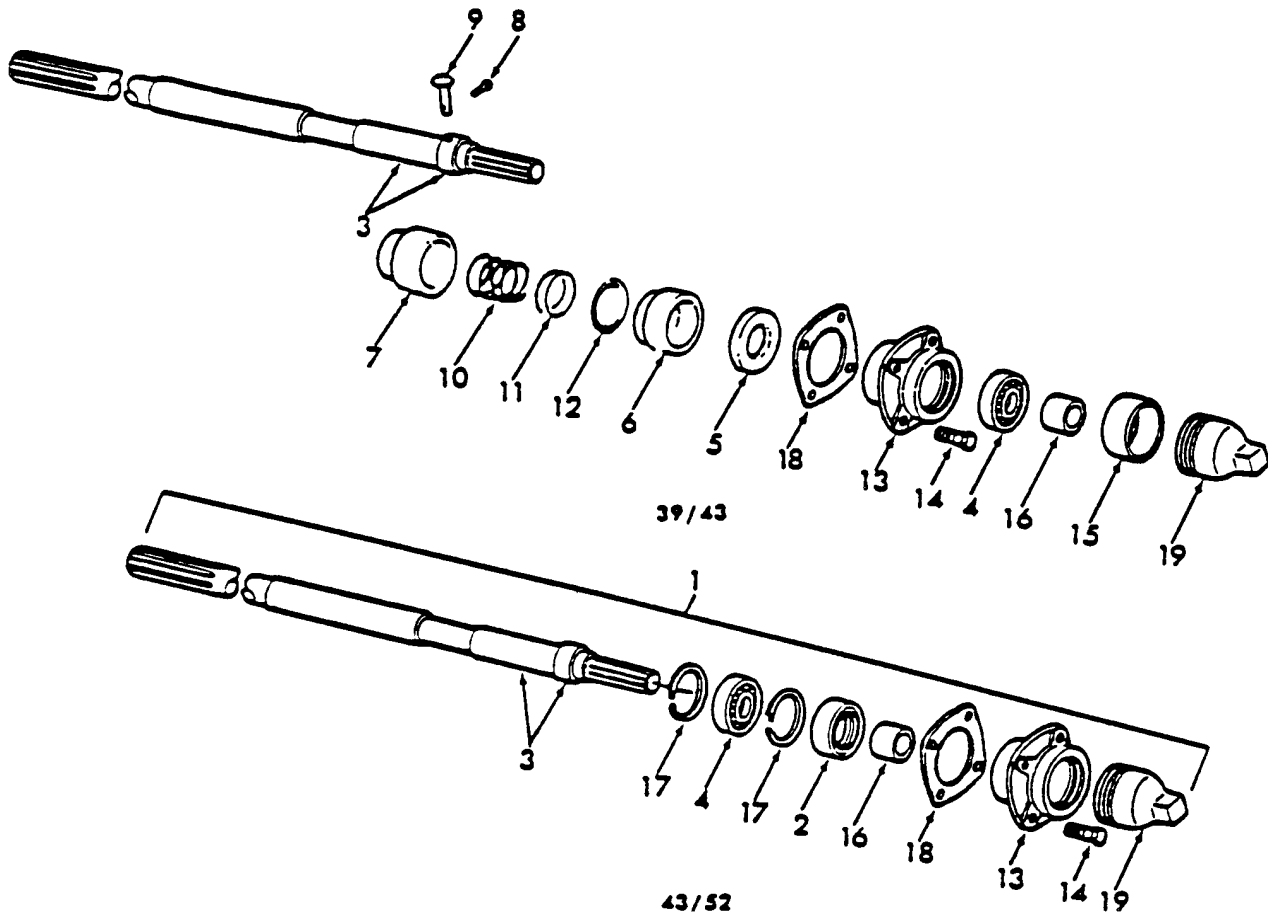
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NLS	BTW 01/39 & 12/52	1	Bearing Assy., PTO Shifter & Shift {9N715B}
1		210064	BTW 01/39 & 12/52	1	Bearing Assy., PTO Shifter & Shift
2	1	9N716	BTW 01/39 & 12/52	1	Hub, PTO Clutch
3		PL	BTW 01/39 & 12/52	1	Bolt, HH, Clutch Hub to Transmission, 3/8"-24 x .88
4		PL		AR	Washer, Lock, 3/8"
4		PL		AR	Washer, Lock, 3/8"
5	1	351402S	BTW 01/39 & 12/52	1	Washer, 13/32" ID - 1-1/2" OD
6		2N717	BTW 01/39 & 12/52	1	Sleeve, PTO Clutch
7	1	9N719	BTW 01/39 & 12/52	1	Rail, PTO Shifter
8		PL	BTW 01/39 & 12/52	1	Nut, Hex, Shifter Stop to Rail, 3/8"-24
9	1	9N720	BTW 01/39 & 12/52	1	Fork, PTO Shifter
10	1	8N721A	BTW 01/39 & 12/52	1	Plate, PTO Shifter
11		PL		AR	Nut, Hex, 7/16"-20
12		PL	BTW 01/39 & 12/52	2	Stud, Screw, Plate to Housing, 7/16" - 14-20 x 1-3/8"
12	1	354346S8	BTW 01/39 & 12/52	2	Stud, Screw, Brake Sector & Plate to Housing, 7/16" - 14-20 x 1"
13		NAA722A	BTW 01/39 & 12/52	1	Stop, PTO Shifter, A1 & A2 are Alternate
14		9N723	BTW 01/39 & 12/52	1	Lever, PTO Shifter
15		60518S	BTW 01/39 & 12/52	1	Rivet, Button Hd, 1/4" x 1-1/4", Lever to Fork
16		9N754	BTW 01/39 & 12/52	2	Ring, Snap, PTO Bearing
17	1	8N770	BTW 01/39 & 12/52	1	Support, PTO
18	1	355545S	BTW 01/39 & 12/52	4	Bolt, HH, Support to Transmission, 3/8"-16 x 1.25
19		797234	BTW 01/39 & 12/52	1	Spring, PTO Shifter, Rail Mesh
20		145222	BTW 01/39 & 12/52	1	Ball, Steel, Shifter Fork Spring, 3/8"
21		9N4131	BTW 01/39 & 12/52	1	Gasket, PTO, Not Shown
(1) No Longer Serviced					
					2N 9N 8N

07E01

p1

03/04

PTO ASSEMBLY - 9N, 2N, 8N



07E01

p1

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PTO ASSEMBLY - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NS	BTW 01/39 & 12/52	1	PTO, Not Serviced; Order Components
2		D9NN703BB	BTW 01/39 & 12/52	2	Seal Assy., Oil, PTO
3		9N710B	BTW 01/39 & 12/52	1	Shaft Assy., PTO, Used W/9N733B
4		NLS	BTW 01/39 & 12/52	1	Bearing Assy., PTO, Front {9N715B}
4		210064	BTW 01/39 & 12/52	1	Bearing Assy., PTO, Front
5		9N724	BTW 01/39 & 12/47	1	Washer, PTO, Seal Case, Used W/9N700A & 9N700B, 9N, 2N
6		9N727	BTW 01/39 & 12/47	1	Seal, PTO, Bearing, Used W/9N700A & 9N700B, 9N, 2N
7	1	9N728B	BTW 01/39 & 12/47	1	Case, PTO Sleeve Bearing Seal, Used W/9N710A, 9N, 2N
8		PL		AR	Pin, Cotter, 1/16" x 1/2"
9		PL	BTW 01/39 & 12/47	1	Pin, Clevis, Bearing Seal Case to Shaft, 1/4" x 1.68, 9N, 2N
10		NLS	BTW 01/39 & 12/47	1	Spring, PTO Bearing Seal, Used W/9N700A & 9N700B
11		NLS	BTW 01/39 & 12/47	1	Guide, PTO Spring, Used W/9N700A & 9N700B, 9N, 2N
12		NLS	BTW 01/39 & 12/47	1	Ring, PTO Bearing Seal, Used W/9N700A & 9N700B, 9N, 2N
12		NLS	BTW 01/39 & 12/47	2	Ring, Snap, PTO Shaft Bearing, Used W/9N700A, 9N, 2N
13		9N733B	BTW 01/39 & 12/52	1	Cover, PTO Shaft
14		PL	BTW 01/39 & 12/52	4	Bolt, HH, Cover to Center Housing, 7/16"-14" x 1.12"
15	1	9N734	BTW 01/39 & 12/47	1	Retainer, PTO Bearing, Used W/9N700A & 9N700B
16	1	9N735A	BTW 01/39 & 12/47	1	Sleeve, PTO, Used W/9N-710-A, 9N, 2N
16		9N735B	BTW 01/39 & 12/52	1	Sleeve, PTO
17		9N754	BTW 01/39 & 12/48	2	Ring, Snap, PTO Shaft Bearing
18		C5NN747A	BTW 01/39 & 12/52	1	Gasket, PTO Cover
19		310088F	BTW 01/39 & 12/52	1	Cap, PTO
20	2	DCPN7490A	BTW 01/39 & 12/52	1	Kit, PTO Guard

(1) No Longer Serviced

(2) Not illustrated

2N 9N 8N

SECTION INDEX

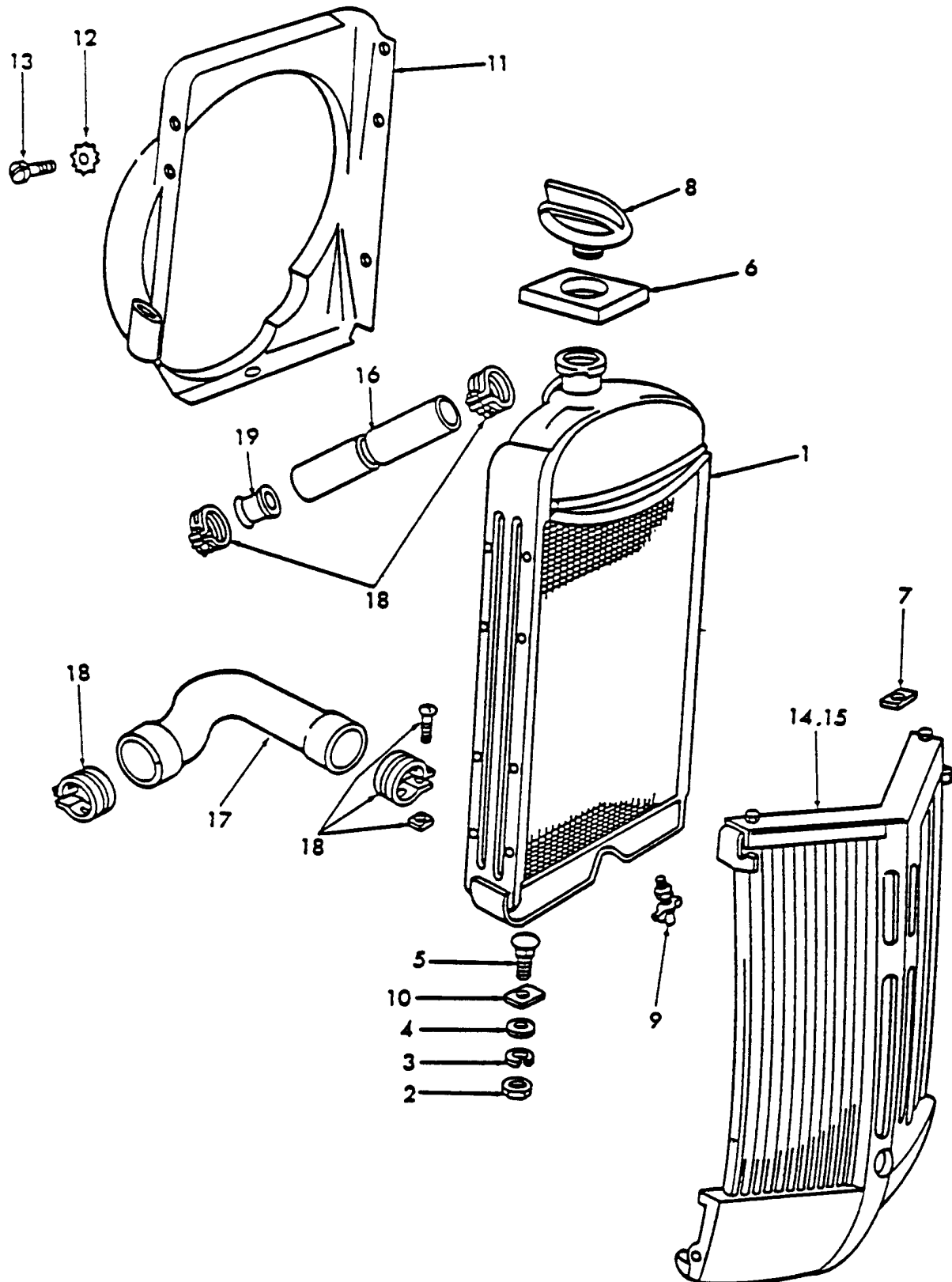
08A01	RADIATOR & RELATED PARTS - 9N, 2N, 8N
08B01	WATER PUMP ASSEMBLY & RELATED PARTS (1939/47) - 9N, 2N
08B02	WATER PUMP ASSEMBLY & RELATED PARTS (1948/52) - 8N

08A01

p1

10/01

RADIATOR & RELATED PARTS - 9N, 2N, 8N



RADIATOR & RELATED PARTS - 9N, 2N, 8N

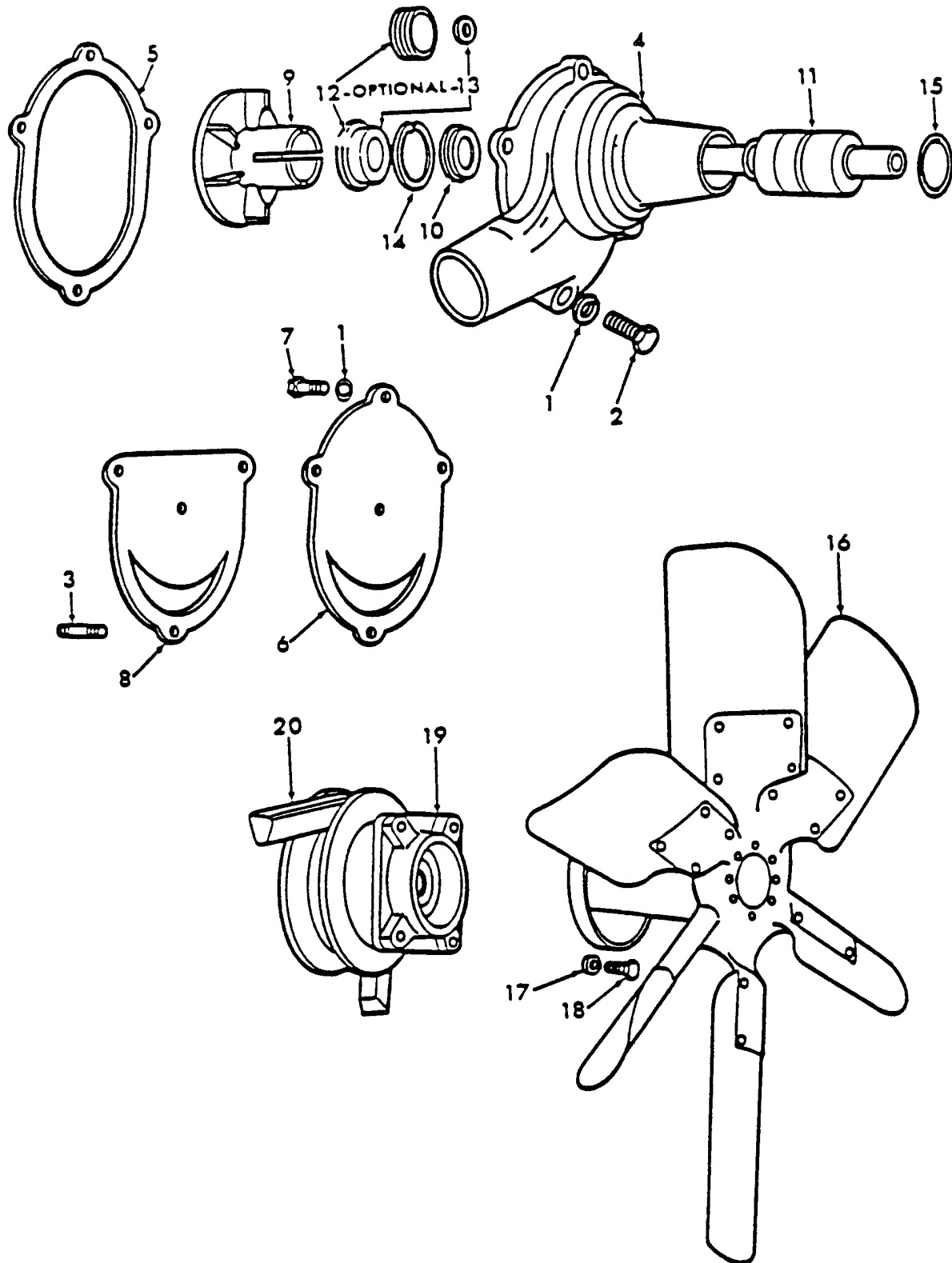
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86551430	BTW 01/39 & 12/52	1	Radiator Assy.
2		PL	BTW 01/39 & 12/52	2	Nut, Hex, 7/16"-14
3		PL	BTW 01/39 & 12/52	2	Washer, Lock, 7/16"
4		PL	BTW 01/39 & 12/52	1	Washer, R.H. Side Only, 7/16"
5		351655S36	BTW 01/39 & 12/52	2	Bolt, Carriage, Radiator to Front Axle Support, Tractor, 9N, 2N, 8N 7/16"-14 x 1
6		2N8032	BTW 01/39 & 12/52	1	Pad, Radiator Filler Neck
7		NS	BTW 01/48 & 12/52	1	Bumper, Radiator, Grille to Hood, 8N
8		9N8100	BTW 01/39 & 12/43	1	Cap Assy., Radiator, Round, W/Two Finger Lug, 9N, 2N
8		2N8100A	BTW 01/43 & 12/52	1	Cap Assy., Radiator, Oblong, W/One Finger Lug, Use W/8N8005 Radiator, 2N, 8N
8		EC0N8100AA		1	Cap Assy., Radiator, W/One Finger
9		81465471	BTW 01/39 & 12/52	1	Cock Assy., Radiator Drain
10		C5NN8125A	BTW 01/39 & 12/52	2	Insulator, Radiator Support
11	1	2N8146	BTW 01/39 & 12/52	1	Shroud, Fan
12		PL		AR	Washer, Lock, #8 External Tooth
13		PL	BTW 01/39 & 12/52	7	Screw, Pan Hd., Shroud to Radiator, #8-32 x .38
14		8N8204	BTW 01/48 & 12/52	1	Grille Assy., Radiator, 8N
15		NLS	BTW 01/39 & 12/47	1	Grille Assy., Radiator, 9N, 2N
16	1	9N8260	BTW 01/39 & 12/42	1	Hose, Cylinder Head & Radiator, Cylinder Head to Radiator; Used with 9N8005, 9N, 2N
16		2N8260	BTW 01/39 & 12/52	1	Hose, Cylinder Head & Radiator, Cylinder Hd. to Radiator
17	2	312588	BTW 01/39 & 12/52	1	Hose, Cylinder Head & Radiator, Radiator Lower
17	3	8N8286	BTW 01/50 & 12/52	1	Hose, Cylinder Head & Radiator, Radiator Outlet, 8N
18		82012728	BTW 01/39 & 12/52	4	Clamp Assy., Hose, Upper & Lower Hose
19		NLS	BTW 01/39 & 12/52	1	Thermostat Assy., Water, Used Only On Kerosene Tractor, 9NAN, 2NAN, 8NAN
19		B2NN8575A	BTW 01/39 & 12/52	1	Thermostat Assy., Water, Not Used On Kerosene, 9N, 2N, 8N
(1) No Longer Serviced (2) Used On & BSN 263844 (3) Used After S/N 263843					
					2N 9N 8N

08B01

p1

03/04

WATER PUMP ASSEMBLY & RELATED PARTS (1939/47) - 9N, 2N



WATER PUMP ASSEMBLY & RELATED PARTS (1939/47) - 9N, 2N

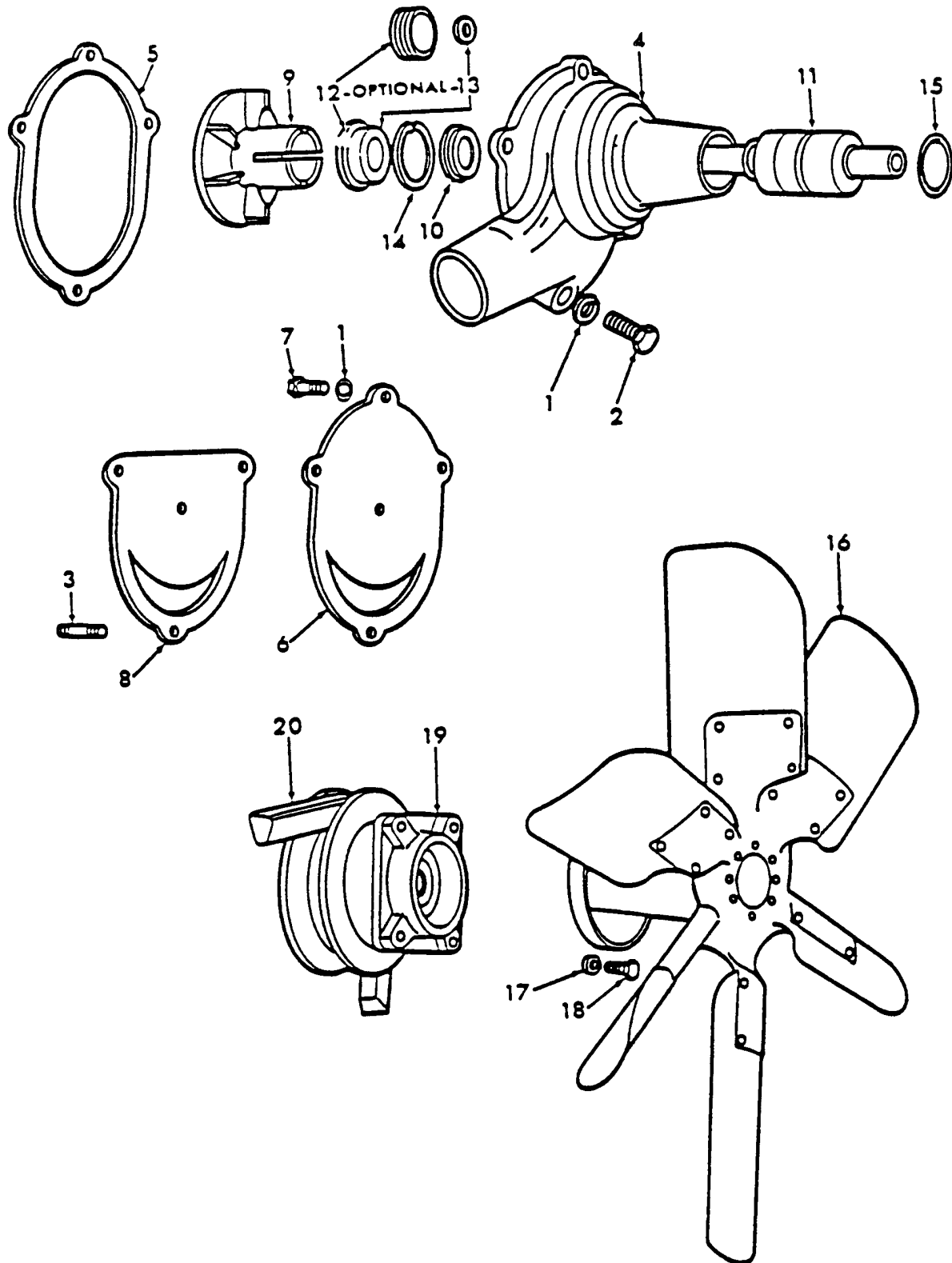
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		CDPN8501A	BTW 01/39 & 12/47	1	Kit, Pump Assy., Water, Consists of Complete Pump Assy. & 9N8513 Gasket
1		PL		AR	Washer, Lock, 5/16"
2		PL		AR	Nut, Hex, 5/16"-24
3		88376S8	BTW 01/39 & 12/47	3	Stud, Water Pump to Block, 5/16" - 18-24 x 1.31
4	1	2N8505	BTW 01/39 & 12/47	1	Housing, Water Pump
5	1	9N8507	BTW 01/39 & 12/47	1	Gasket, Water Pump
6		PL	BTW 01/39 & 12/47	1	Cover, Water Pump
7		PL	BTW 01/39 & 12/47	1	Bolt, HH, Cover to Housing, 5/16"-18 x 5/8"
8		9N8513	BTW 01/39 & 12/47	1	Gasket, Water Pump to Cylinder Block, Rear
9	1	NLS	BTW 01/39 & 12/47	1	Impeller Assy., Water Pump
10	1	NLS	BTW 01/39 & 12/47	1	Bushing, Water Pump Housing
11	1	798530	BTW 01/39 & 12/47	1	Bearing & Slinger Assy., Water Pump, Bearing Assy.
12	1	688551A	BTW 01/39 & 12/47	1	Seal Assy., Water Pump, Used W/9N8557
13	1	NLS	BTW 01/39 & 12/47	1	Washer, Water Pump, Used W/688551A
14	1	NLS	BTW 01/39 & 12/47	1	Ring, Snap, Water Pump Seal
15		0BA8576A	BTW 01/39 & 12/47	1	Ring, Snap, Water Pump Bearing, Used W/8N8501 Only
15A	2	CPN8591B	BTW 01/39 & 12/47	1	Kit, Water Pump Repair, Used W/EAF8501A, Includes 15B THRU 15J
15B	1	9N8507		1	Gasket
15C	3	EAF8507A		1	Gasket
15D		9N8513		1	Gasket
15E		EAF8513A		1	Gasket
15F		EAF8516A		1	Impeller
15G		2GA8531		1	Ring
15H		D5TE8564B1A		1	Seal Assy.
15I		7HA8576		1	Retainer
15J		2N8578		1	Bearing
16		8N8600A	BTW 01/39 & 12/47	1	Fan Assy., 4 Blade
16		9N8600B	BTW 01/39 & 12/47	1	Fan Assy., Pusher Type, 6 Blade
16		9N8600D	BTW 01/39 & 12/47	1	Fan Assy., Pull Type, 6 Blade, For Torrid Zones
(1) No Longer Serviced					
(2) Not illustrated					
(3) Not Serviced Separately					
					2N 9N

08B01

p2

03/04

WATER PUMP ASSEMBLY & RELATED PARTS (1939/47) - 9N, 2N



08B01

p2

03/04

WATER PUMP ASSEMBLY & RELATED PARTS (1939/47) - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
17		PL		AR	Washer, Lock, 1/4"
18		PL	BTW 01/39 & 12/47	4	Bolt, Fan Hub to Water Pump Pulley, 1/4"-28 x 5/8"
19	1	9N8606	BTW 01/39 & 12/47	1	Pulley, Fan
20	1	2N8620A	BTW 01/42 & 12/43	1	Belt, Fan, Used W/Magnet Conversion
20		9N8620B	BTW 01/39 & 12/47	1	Belt, Fan, Used W/9N10130 & 8N10130A Generator Pulley
21	2, 3	FP206		AR	Pellets, Cooling System Protector
(1)	No Longer Serviced				
(2)	Not Serviced				
(3)	Not illustrated				

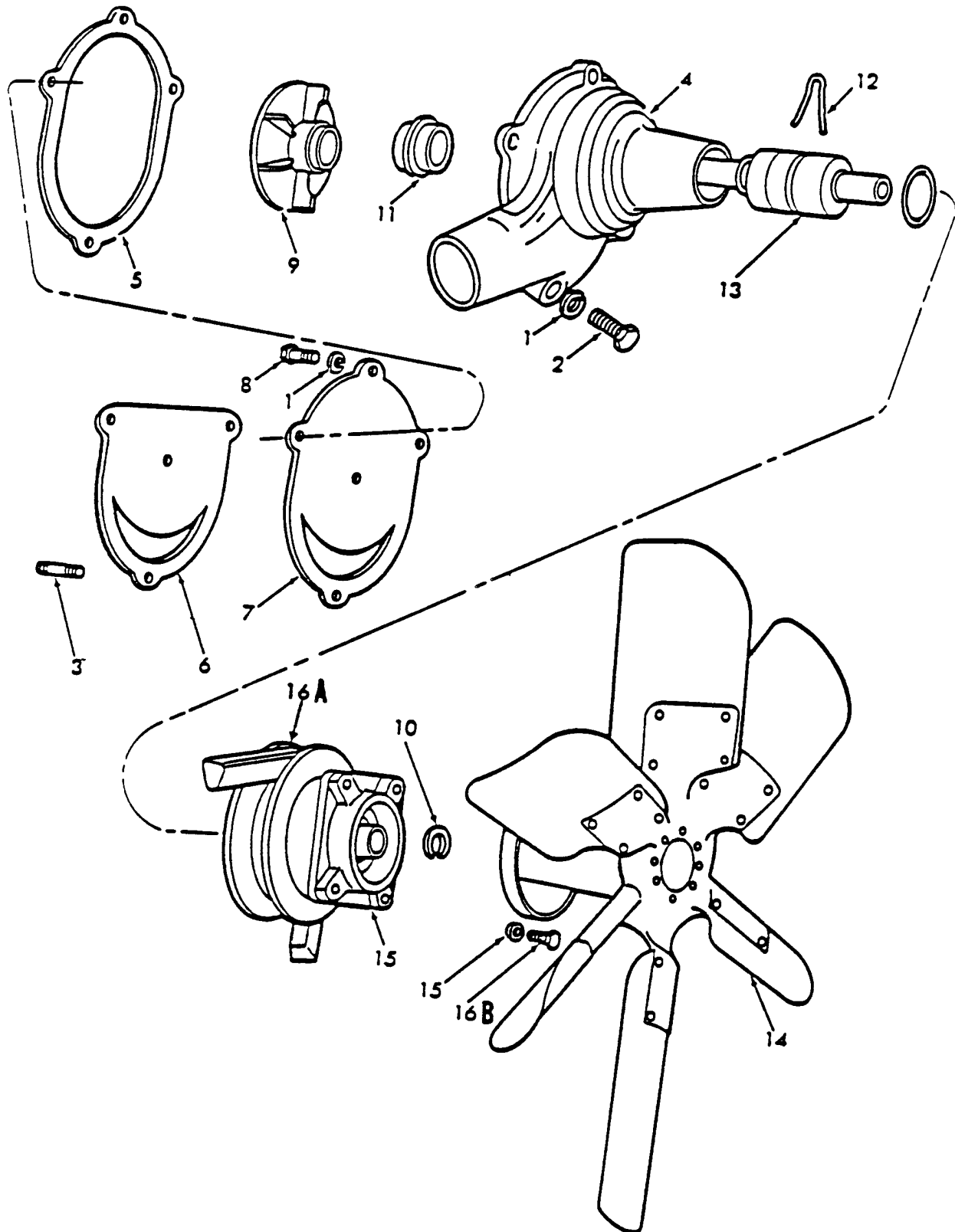
2N 9N

08B02

p1

04/01

WATER PUMP ASSEMBLY & RELATED PARTS (1948/52) - 8N



WATER PUMP ASSEMBLY & RELATED PARTS (1948/52) - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		CDPN8501A	BTW 01/48 & 12/52	1	Pump Assy., Water
1		PL		AR	Washer, Lock, 5/16"
2		PL		AR	Nut, Hex, 5/16"-24
3		88376S8	BTW 01/48 & 12/52	3	Stud, Water Pump to Block, 5/16" - 18-24 x 1.31
4	1	2N8505	BTW 01/48 & 12/52	1	Housing, Water Pump
5	1	9N8507	BTW 01/48 & 12/52	1	Gasket, Water Pump
6		9N8513	BTW 01/48 & 12/52	1	Gasket, Water Pump to Cylinder Block, Rear
7	1	NLS	BTW 01/48 & 12/52	1	Cover, Water Pump
8		PL	BTW 01/48 & 12/52	1	Bolt, HH, Cover to Housing, 5/16"-18 x 5/8"
9	1	EAF8516A	BTW 01/48 & 12/52	1	Impeller Assy., Water Pump
10	1	2GA8531	BTW 01/48 & 12/52	1	Ring, Snap, Water Pump Bearing, Used W/EAF-8501-A
11		D5TE8564B1A	BTW 01/48 & 12/52	1	Seal Assy., Water Pump
12	1	7HA8576	BTW 01/48 & 12/52	1	Retainer, Water Pump Bearing
13	1	2N8578	BTW 01/48 & 12/52	1	Bearing & Slinger Assy., Water Pump, Used W/EAF8501A
13A	2	CDPN8501A	BTW 01/48 & 12/52	1	Kit, Water Pump Repair, Used W/EAF8501A, Includes 13B thru 13J
13B	1	9N8507		1	Gasket
13C	3	EAF8507A		1	Gasket
13D		9N8513		1	Gasket
13E		EAF8513A		1	Gasket
13F	1	EAF8516A		1	Impeller
13G	1	2GA8531		1	Ring
13H		D5TE8564B1A		1	Seal
13I	1	7HA8576		1	Retainer
13J	1	2N8578		1	Bearing
14		8N8600A	BTW 01/48 & 12/52	1	Fan Assy., 4 Blade
14		9N8600B	BTW 01/48 & 12/52	1	Fan Assy., Pusher Type, 6 Blade
14		9N8600D	BTW 01/48 & 12/52	1	Fan Assy., Pull Type, 6 Blade, For Torrid Zones
15	1	2N8610	BTW 01/48 & 12/52	1	Pulley, Fan
15		PL		AR	Washer, Lock, 1/4"

(1) No Longer Serviced

(2) Not illustrated

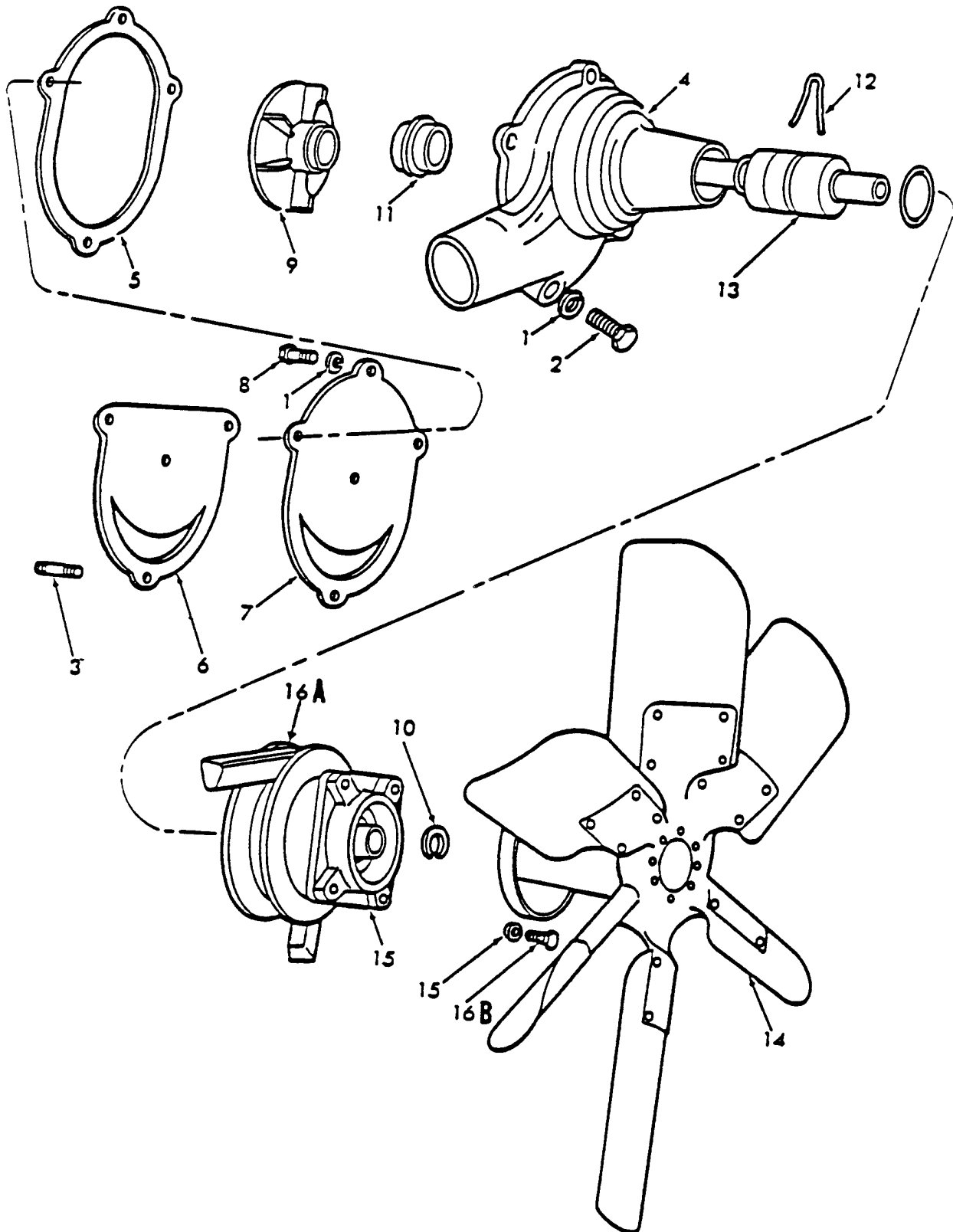
(3) Not Serviced Separately

08B02

p2

04/01

WATER PUMP ASSEMBLY & RELATED PARTS (1948/52) - 8N



08B02

p2

04/01

WATER PUMP ASSEMBLY & RELATED PARTS (1948/52) - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
16A	1	9N8620B	BTW 01/48 & 12/49	1	Belt, Fan, Used W/9N10130 & 8N10130A Generator Pulley
16A	2	8N8620	BTW 01/50 & 12/52	1	Belt, Fan
16B		PL	BTW 01/48 & 12/52	4	Bolt, Fan Hub to Water Pump Pulley, 1/4"-28 x 5/8"

(1) Used Before S/N 263843

(2) Used On & ASN 263844

8N

SECTION INDEX

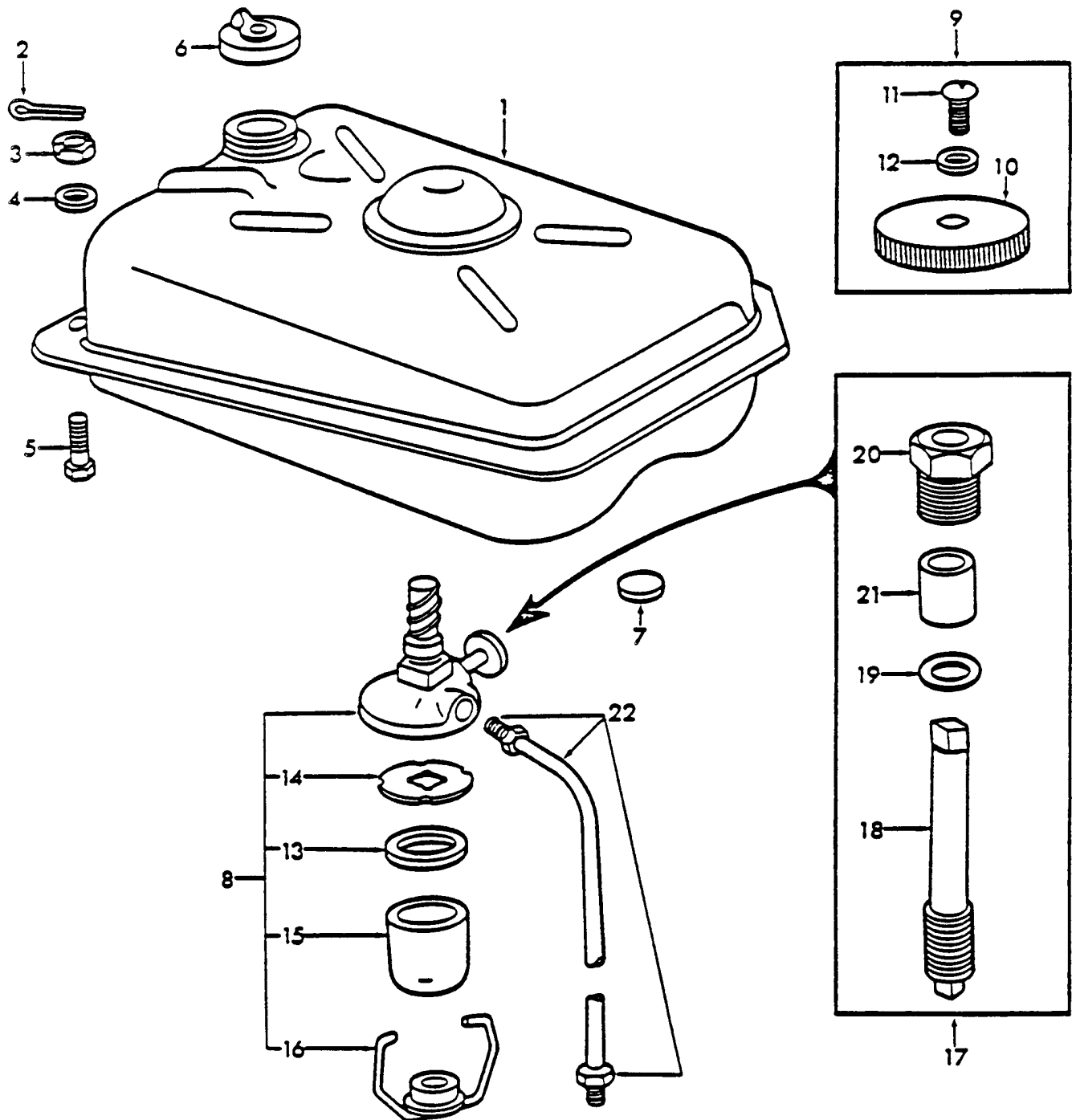
09A01	FUEL SYSTEM - 9N, 2N, 8N
09B01	KEROSENE VAPORIZER ASSEMBLY - 2N, 8N, 9N
09C01	CARBURETOR ASSEMBLY - 2N, 8N, 9N
09D01	AIR CLEANER & RELATED PARTS - 2N, 8N, 9N

09A01

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03/04

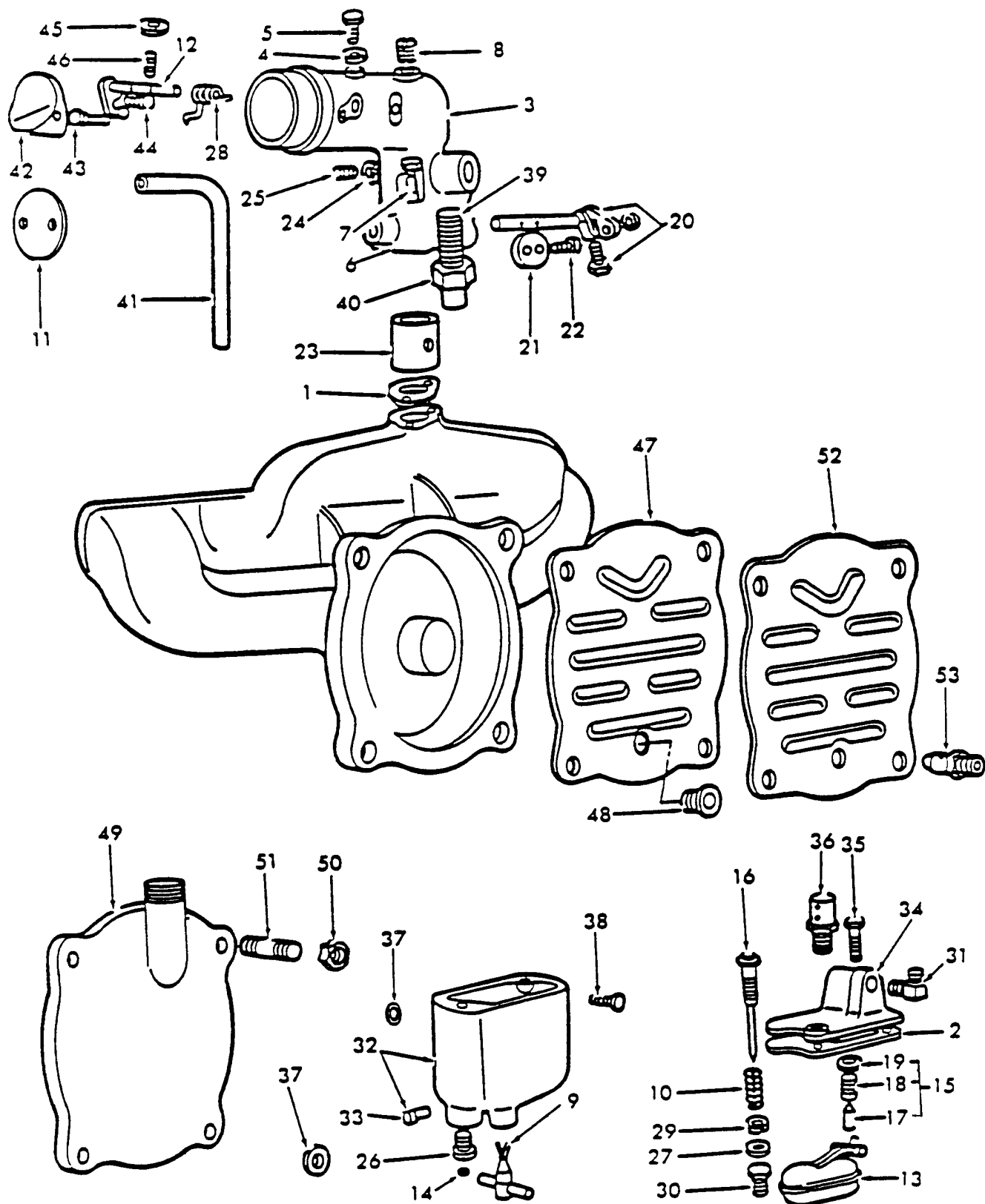
FUEL SYSTEM - 9N, 2N, 8N



FUEL SYSTEM - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	9N9002	BTW 01/39 & 12/52	1	Tank Assy., Fuel
2		PL		AR	Pin, Cotter, 1/16" x 5/8"
3		PL		AR	Washer, Flat, 5/16"
4		PL		AR	Nut, Hex, Slotted, 5/16"-24
5		PL	BTW 01/39 & 12/52	3	Bolt, Fuel Tank, 5/16"-24 x 5/8", 9N, 8N, 2NAN, 8NAN, 9NAN
6		E5NN9N208CA	BTW 01/39 & 12/52	1	Kit, Cap & Decal, Fuel Tank, 2N, 8N, 9N, Includes: (1) D5NN9030A, Cap Assy., & (1) E1NN9A095AA, Decal
7	1	NLS	BTW 01/39 & 12/52	1	Anti-Rattler, Between Fuel Line & Tank, 2N,8N,9N
8		2N9155B	BTW 01/39 & 12/52	1	Fuel Sediment Bulb & Valve Assy.
9		APN9158A	BTW 01/39 & 12/52	1	Kit, Sediment Bulb Control Wheel Screw & Washer, Includes: Ref. 10 & 11
10		NLS		1	Wheel {2N9158}
11		NLS		1	Screw {2N9163}
12		PL		AR	Washer, Lock, #6
13		NAA9160A	BTW 01/39 & 12/47	1	Gasket, Sediment, Bulb
14		9N9161	BTW 01/39 & 12/47	1	Screen, Bulb Sediment, 2NAN, 8NAN, 9NAN
14		2N9161	BTW 01/43 & 12/52	1	Screen, Bulb Sediment, 2N, 8N
16		2N9166	BTW 01/39 & 12/52	1	Wire & Screw Assy., Sediment Bulb Clamp
15		9N9162	BTW 01/39 & 12/47	1	Bowl, Sediment Bulb
16		2N9166	BTW 01/43 & 12/52	1	Wire & Screw Assy., Sediment Bulb Clamp
17		APN9194	BTW 01/39 & 12/52	1	Kit, Sediment Bulb Valve Stem, Includes: Ref. 18 thru 21
18		NLS		1	Stem {2N9194}
19		NLS		1	Washer {2N9178}
20		NLS		1	Nut {2N9172}
21		NLS		1	Packing {9N9186S}
22		86591375	BTW 01/39 & 12/52	1	Fuel Line Assy., 2N, 8N, 9N, Not Used On 9NAN, 2NAN, 8NAN
22	1	9NAN9282	BTW 01/39 & 12/52	1	Fuel Line Assy., Sediment Bulb to Vaporizer, 9NAN, 2NAN,8NAN
(1) No Longer Serviced					
					2N 9N 8N

03/04



KEROSENE VAPORIZER ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NSS	BTW 01/39 & 12/50	1	Gasket, Vaporizer Mixing Chamber, Furnished in 9NAN-9502 {9NAN9516}
2		NLS	BTW 01/39 & 12/50	1	Gasket, Vaporizer Float Chamber Cover {9NAN9519}
3		NLS	BTW 01/39 & 12/50	1	Vapor Mixing Chamber Assy., For Battery Ignition {9NAN9520}
3A	1	NLS	BTW 01/39 & 12/50	2	Plug, Vaporizer Adjuster Needle Seat {374752S}
3B	1	NLS	BTW 01/39 & 12/50	2	Washer, Vaporizer Adjuster Needle Seat {374753S}
4		PL		AR	Washer, Lock, #8
5		PL	BTW 01/39 & 12/50	1	Screw, Filter Hd. Chamber Top, #8-32 x 3/4
6		PL		AR	Washer, Lock, 5/16"
7		PL	BTW 01/39 & 12/50	2	Bolt, Hex, Mixing Chamber, 5/16"-18 x 7/8"
8		353052S5	BTW 01/39 & 12/50	1	Plug, Mixing Chamber Primer, 1/8" x 3/8"
9		NS	BTW 01/39 & 12/50	1	Vaporizer Drain Valve Assy.
10		PL	BTW 01/39 & 12/50	1	Spring, Carburetor Main Adjuster Needle
11		NLS	BTW 01/39 & 12/50	1	Plate, Vaporizer Main Air Choke {9NAN9545}
12		NLS	BTW 01/39 & 12/52	1	Choke Shaft & Lever Assy. {9NAN9546}
12		NLS	BTW 01/42 & 12/43	1	Shaft & Lever Assy., Choke for Mag. Conversion, 2NAN, 9NAN {2NAN9546}
13		NLS	BTW 01/39 & 12/52	1	Vaporizer Float & Lever Assy. {9NAN9550}
14		NSS	BTW 01/39 & 12/50	1	Gasket, Vaporizer Adjuster Needle Seat Plug, Serviced in 9NAN-9502 {9NAN9563}
15		9NAN9564	BTW 01/39 & 12/52	1	Matched Vaporizer Carb. Filter Valve & Gasket Assy., Includes: 17, 18 & 19
16		NLS	BTW 01/39 & 12/50	1	Vaporizer Carb. Main Adjuster Needle Assy. {9NAN9565}
17		789566	BTW 01/39 & 12/50	1	Valve, Vapor, Fuel
18		NLS	BTW 01/39 & 12/50	1	Seat, Vaporizer Fuel Valve {9NAN9567}
19		NSS	BTW 01/39 & 12/50	1	Gasket, Carburetor Float Valve Seat, Furnished in 9NAN-9502 {9NAN9569}
20		NLS	BTW 01/39 & 12/52	1	Vaporizer Carb. Throttle Lever & Shaft Assy. {9NAN9581}
21		NLS	BTW 01/39 & 12/52	1	FYL, Carburator Throttle {9NAN9585}
22		NLS	BTW 01/39 & 12/50	2	Screw, Vaporizer Throttle Plate {409586}
(1) Not illustrated					

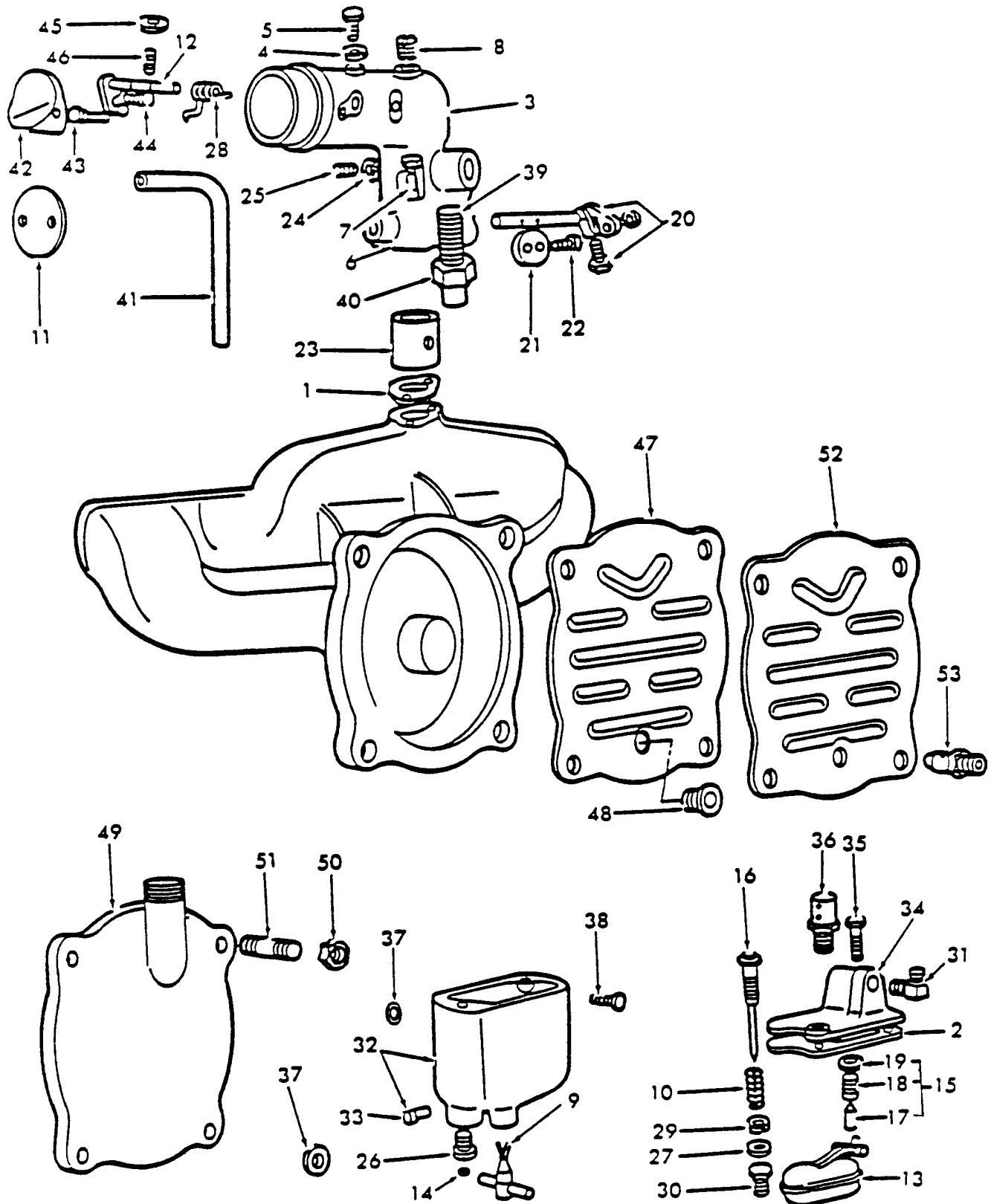
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KEROSENE VAPORIZER ASSEMBLY - 2N, 8N, 9N



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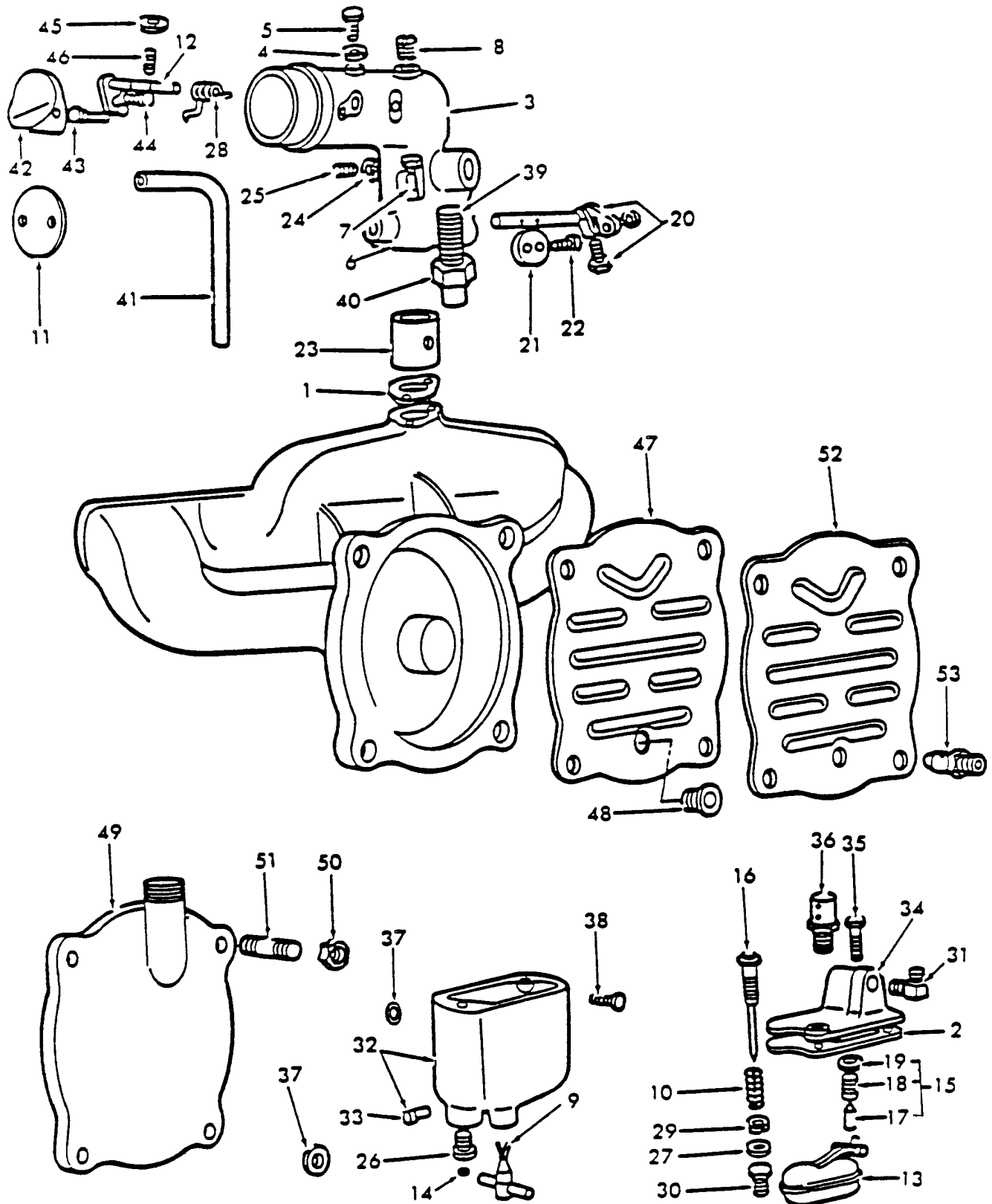
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KEROSENE VAPORIZER ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23	NLS	BTW 01/39 & 12/50	1	Venturi, Vaporizer Carburator-Vapor {9NAN9586}	
24	PL		AR	Washer, Lock, #10	
25	PL	BTW 01/39 & 12/52	1	Screw, Mixing Chamber to Venturi Fill. Hd., #10 - 32 x 3/8"	
26	PL	BTW 01/39 & 12/50	1	Bushing, Vaporizer Adjuster Needle	
27	PL	BTW 01/39 & 12/52	1	Packing, Vaporizer Adjuster Needle	
28	NLS	BTW 01/39 & 12/50	1	Spring, Vaporizer Choke Lever, Use W/Battery Ignition {9NAN9624}	
28	NLS	BTW 01/42 & 12/43	1	Spring, Vaporizer Choke Lever, Use W/Mag. Ignition, 2NAN, 9NAN {9NAN9624}	
29	NLS	BTW 01/39 & 12/50	1	Washer, Vaporizer Adjuster Needle {9NAN9643}	
30	PL	BTW 01/39 & 12/50	1	Bushing, Vaporizer Adjuster Needle	
31	PL	BTW 01/39 & 12/50	1	Elbow, Fuel Line	
32	NLS	BTW 01/39 & 12/50	1	Chamber, Vaporizer Float {9NAN9951}	
33	PL	BTW 01/39 & 12/52	2	Screw, Vaporizer Fuel Pass., #10-32 x 1/4", 2N,8N,9N	
34	NLS	BTW 01/39 & 12/50	1	Vaporizer Float Chamber Cover Assy. {9NAN9953}	
35	PL	BTW 01/39 & 12/50	1	Screw, Hex, Float Chamber Cover, 1/4" - 20 x 1/2"	
36	NLS	BTW 01/39 & 12/50	1	Vaporizer Float Chamber Vent Assy. {9NAN9954}	
37	NLS	BTW 01/39 & 12/50	1	Gasket, Vaporizer Float Chamber {9NAN9956}	
38	NLS	BTW 01/39 & 12/50	2	Screw, Vaporizer Float Chamber {9NAN9957}	
39	NLS	BTW 01/39 & 12/50	1	Tube, Vaporizer Vapor Outlet {9NAN9958}	
40	NLS	BTW 01/39 & 12/50	1	Nut, Vaporizer Vapor Outlet Tube {9NAN9959}	
41	NLS	BTW 01/39 & 12/50	1	Tube, Vaporizer Primary Air {9NAN9960}	
42	NLS	BTW 01/39 & 12/50	1	Valve, Vaporizer Air Intake Automatic {9NAN9961}	
43	NS	BTW 01/39 & 12/50	1	Vaporizer Air Intake Valve Shaft Assy.	
44	NLS	BTW 01/39 & 12/50	1	Screw, Vaporizer Air Intake Valve Shaft {9NAN9963B}	
45	NLS	BTW 01/39 & 12/50	1	Plate, Vaporizer Primary Air Choke {9NAN9964}	
46	NLS	BTW 01/39 & 12/50	1	Pin, Cotter, .043 Dia. x 3/8" {352200S}	
47	NLS	BTW 01/39 & 12/50	1	Plate, Manifold Vaporizer {9NAN9966}	
48	PL	BTW 01/39 & 12/50	1	Bushing, Manifold Vaporizer Plate	
49	NLS	BTW 01/39 & 12/52	1	Cover, Manifold Vaporizing Chamber {9NAN9968}	
50	NLS		AR	Nut, Hex, 1/2" - 20 {356051S}	
51	PL	BTW 01/39 & 12/50	4	Stud, Cover to Man., 1/2" - 13 - 20 x 1 - 1/16"	
52	NS	BTW 01/39 & 12/50	1	Plate, Inner Manifold Vapor. Pit. Cover	

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KEROSENE VAPORIZER ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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53	NS	BTW 01/39 & 12/50	1	Jet, Vaporizer Fuel
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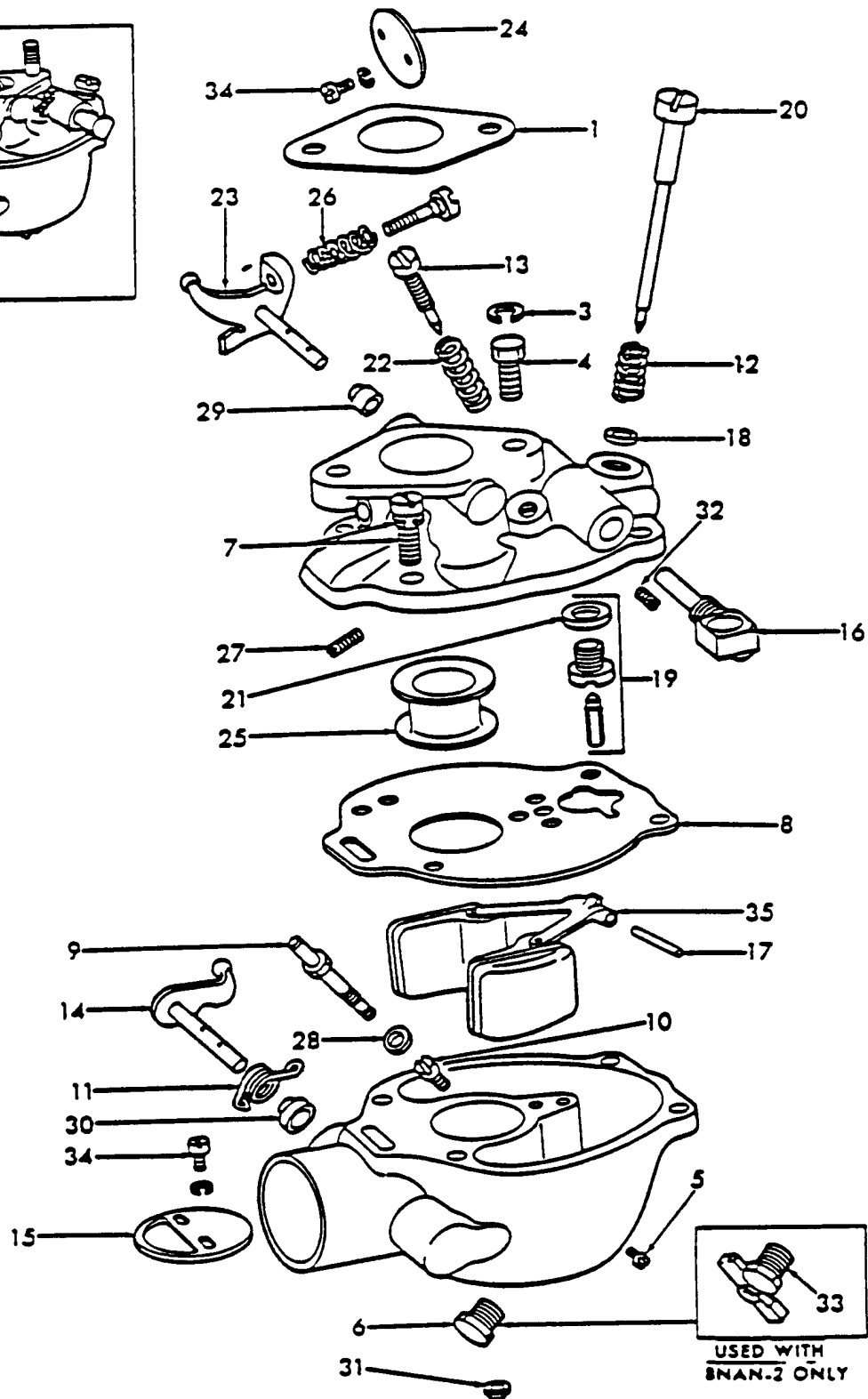
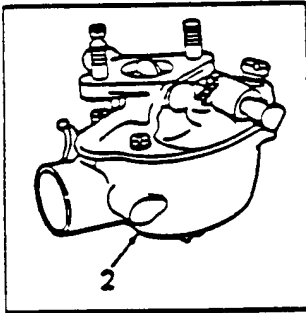
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CARBURETOR ASSEMBLY - 2N, 8N, 9N

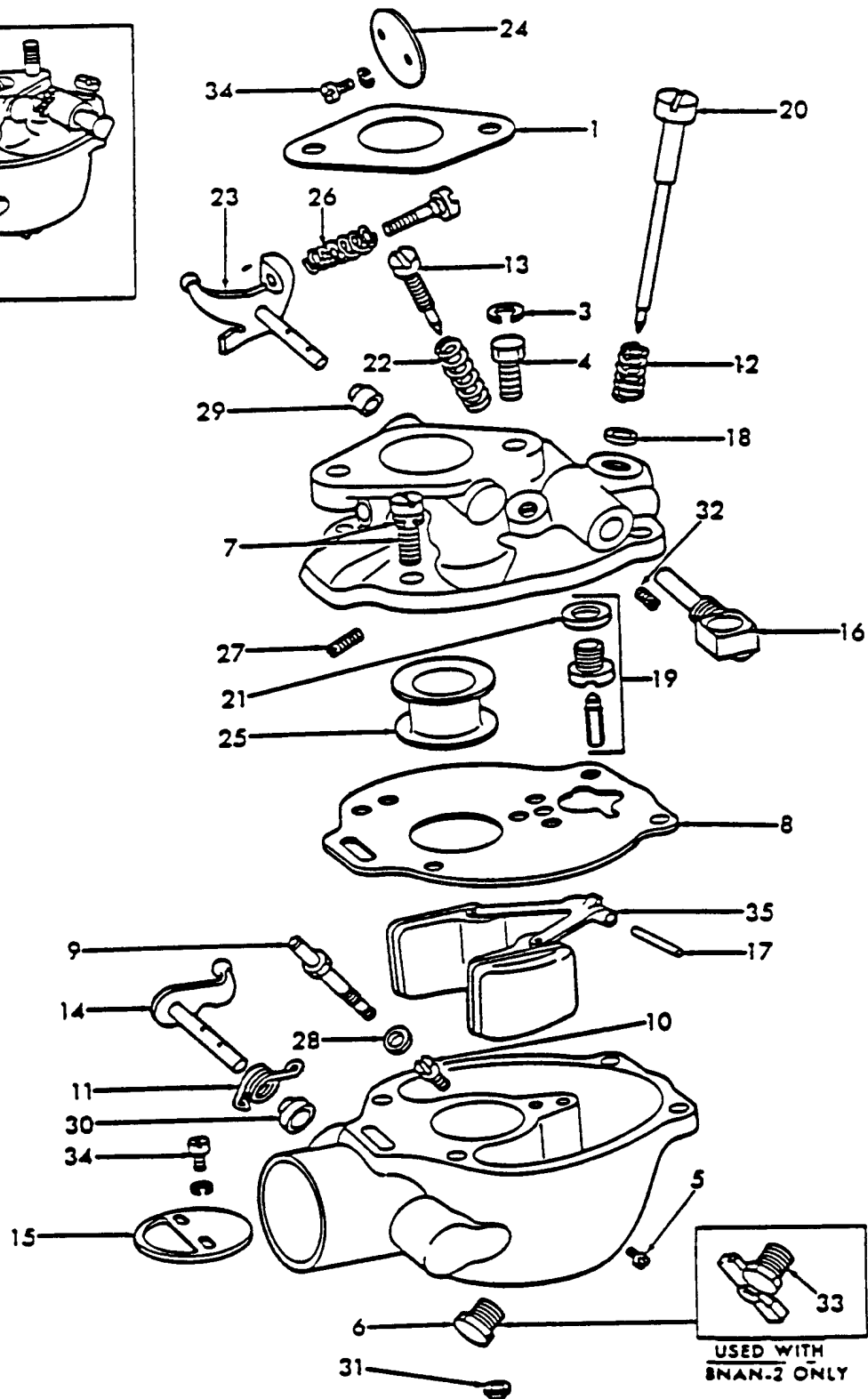
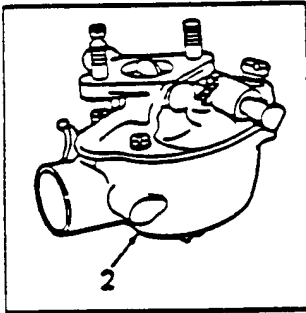


CARBURETOR ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86559265	BTW 01/39 & 12/52	1	Gasket, Carburetor to Manifold
2		NS	BTW 01/42 & 12/43	1	Carburetor Assy., For Mag. Conversion, 2N,9N
2		B3NN9510A	BTW 01/39 & 12/52	1	Carburetor Assy., Used W/8N99537 on 8NAN Trac.
3		PL		AR	Washer, Lock, 5/16"
3A	1	86559265		1	Gasket
4		PL	BTW 01/42 & 12/43	2	Bolt, Hex, Carburetor to Manifold, 5/16"-18 x 13/16", 2N,9N
4A	1	86559265		1	Gasket
5	2	357378S	BTW 01/39 & 12/52	1	Plug, Lower Carburetor Body Assy., #8-32 x 15/64
6		88071	BTW 01/39 & 12/52	2	Plug, Pipe, 1/8"-27, Used as Carburetor Drain
7		PL	BTW 01/39 & 12/52	4	Screw & Lockwasher, Body to Bowl Fill., # 12 - 24 x 5/8"
8		C3NN9516A	BTW 01/39 & 12/52	1	Gasket, Carburetor Throttle Body To Bowl
9		9N9530	BTW 01/39 & 12/52	1	Nozzle, Carburetor Main
10		9N9533	BTW 01/39 & 12/52	1	Jet, Carburetor Max. Fuel Limiting
11		9N9539	BTW 01/39 & 12/52	1	Spring, Carburetor Choke Shaft
12		9N9540C	BTW 01/39 & 12/52	1	Spring, Carburetor Main Adjuster Needle, Used W/9N-9565-C
13		9N9541	BTW 01/39 & 12/52	1	Needle, Carburetor Idling Adjuster
14	2	2N9546	BTW 01/39 & 12/47	1	Choke for Mag. Conversion Shaft & Lever Assy., 2N, 9N
14		9N9546	BTW 01/39 & 12/52	1	Choke Shaft & Lever Assy., Used W/Battery Ignition
15		9N9549	BTW 01/39 & 12/52	1	Carburetor Choke Fly Assy.
16		9N9553	BTW 01/39 & 12/52	1	Carburetor Strainer & Elbow Assy., Not Used on 2NAN, 9NAN
17		9N9558A	BTW 01/39 & 12/52	1	Shaft, Carburetor Float Lever
18		9N9563	BTW 01/39 & 12/52	1	Gasket, Carburetor High Speed Needle
19		C3NN9564A	BTW 01/39 & 12/52	1	Matched Carburetor Float Valve & Gasket Assy.
20		9N9565C	BTW 01/39 & 12/52	1	Carburetor Main Adjuster Needle Assy.
20		251342		AR	Needle Assy., Main Fuel Adjusting, Use W/B3NN9510A Only, Not Serviced in Repair Kit E0NN9590AA
21		NSS	BTW 01/39 & 12/52	1	Gasket, Carburetor Float Valve Seat W/C3NN9564A
(1) Not illustrated					
(2) No Longer Serviced					

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CARBURETOR ASSEMBLY - 2N, 8N, 9N



CARBURETOR ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
22	1	9N9578	BTW 01/39 & 12/52	1	Spring, Carburetor Idle Adjuster Needle
23	1	9N9581A	BTW 01/39 & 12/52	1	Carburetor Throttle Lever & Shaft Assy.
24	1	8N9585	BTW 01/39 & 12/52	1	Fly, Carburetor Throttle, Not Used on 2NAN, 9NAN
25		C5NN9586B	BTW 01/39 & 12/50	1	Venturi, Carburetor or Vaporizer
26	1	9N9589	BTW 01/39 & 12/52	1	Spring, Carburetor Throttle Lever Adjuster Screw, Includes: Ref. 18 thru 21
26A	2	APN9590A	BTW 01/39 & 12/52	AR	Kit, Carburetor Repair, Includes all parts numbered 26A
26A		9N9533		1	Jet
26A		8N99597		4	Screw & Lockwasher
26A	1	9N9914		1	Jet
26A		9N9539		1	Spring
26A		9N9578		1	Spring
26A		C3NN9564A		1	Valve
26A		9N9540C		1	Spring
26A		9N9596		1	Jet
26A		9N9541		1	Needle
26A	1	8N9596		1	Jet
26A		C3NN9516A		1	Gasket
26A		8N9622		1	Packing
26A		9N9563		1	Gasket
26A		9N9558A		1	Shaft
26A		8N9689		1	Packing
26A		9N9608		1	Gasket
26A		9N9560		1	Spring
26A	1	8N9914		1	Jet
26B	2	APN9590B	BTW 01/39 & 12/52	1	Kit, Carburetor Gasket, 2N, 8N, 9N, Includes parts numbered 26B
26B		9N9563		1	Gasket
26B		9N9560		1	Spring
26B		NLS		1	Gasket {9N9519B}
26B	1	9N9569		1	Gasket
26B		8N9622		1	Packing

(1) No Longer Serviced

(2) Not illustrated

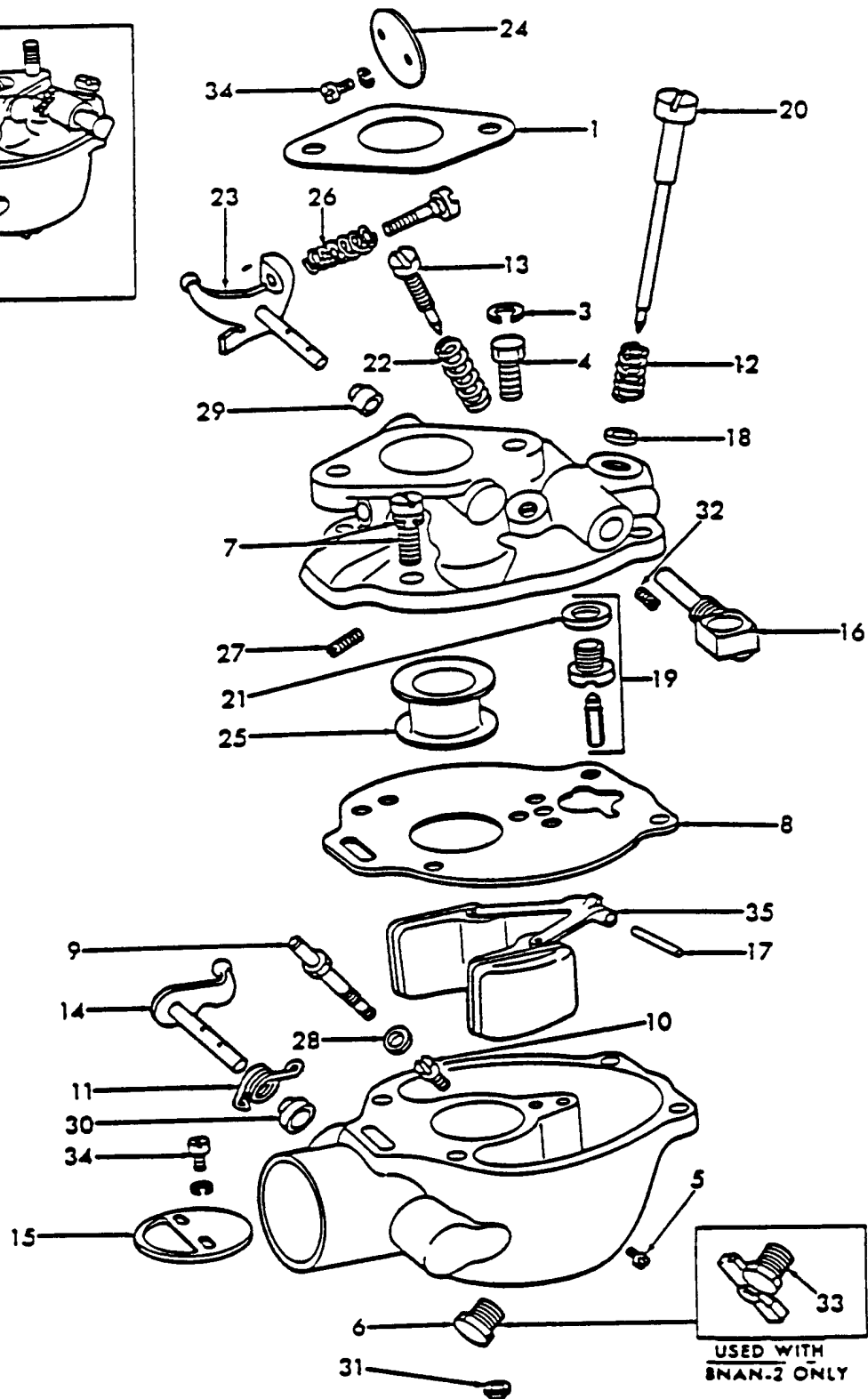
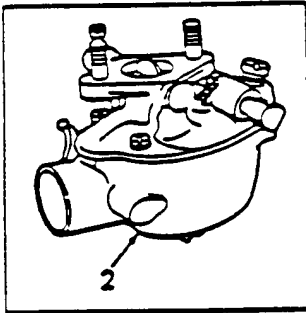
2N 9N 8N

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CARBURETOR ASSEMBLY - 2N, 8N, 9N



CARBURETOR ASSEMBLY - 2N, 8N, 9N

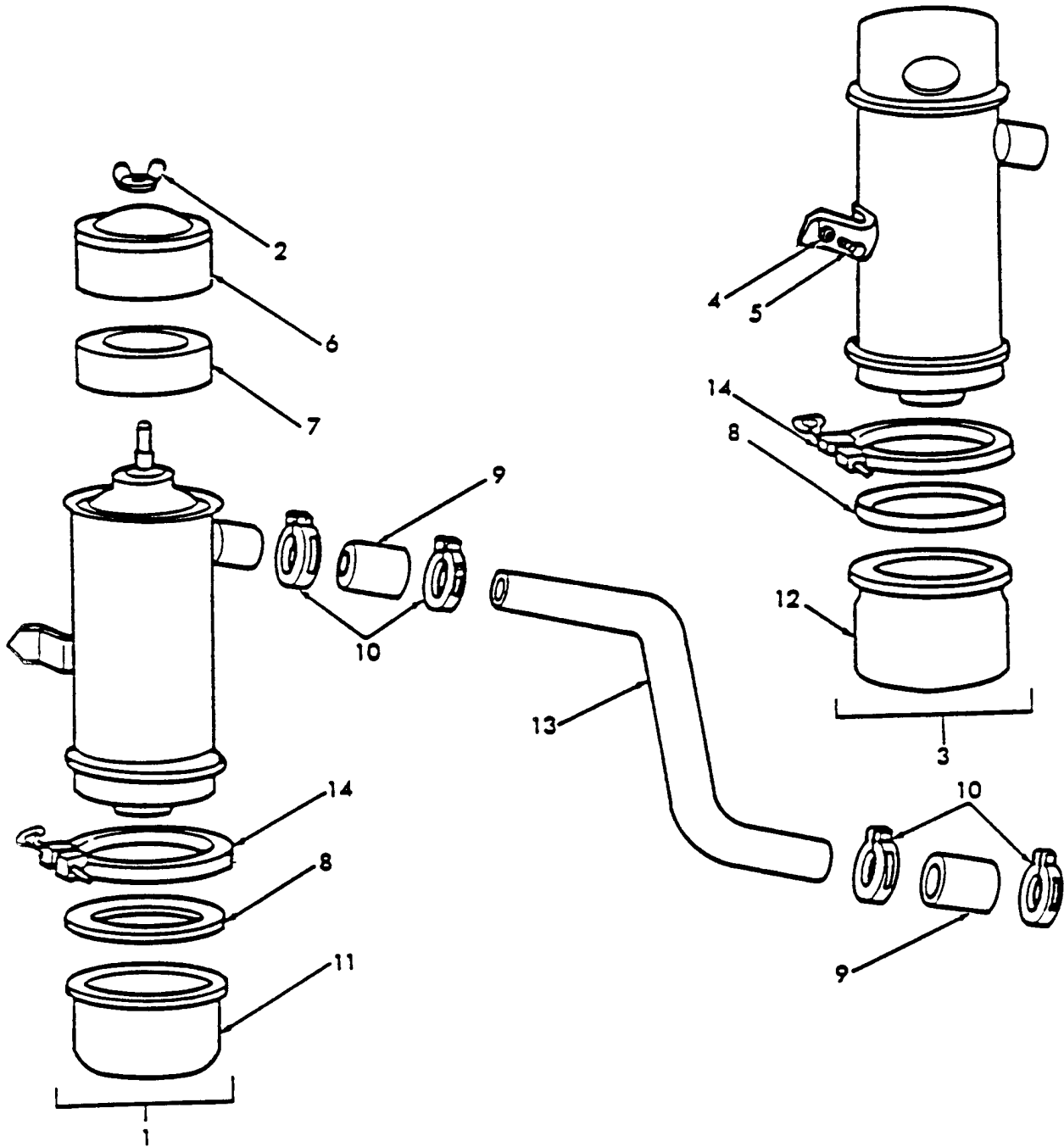
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
26B		9N9608		1	Gasket
26B		9N9558A		1	Shaft
26B		E0NN9590AA		AR	Kit, Carburetor Repair, Used W/B3NN9510A Only
26B		8N9689		1	Packing
27	1	9N9596	BTW 01/39 & 12/52	1	Jet, Carburetor Idle, BSN 250596
27	1	8N9596	BTW 01/39 & 12/52	1	Jet, Carburetor Idle, 8N, 8NAN After S/N 250595
28		9N9608	BTW 01/39 & 12/52	1	Gasket, Carburetor, Main Nozzle
29		8N9622	BTW 01/39 & 12/52	1	Packing, Carburetor Throttle Shaft
30		8N9689	BTW 01/39 & 12/52	1	Packing, Choke Shaft
31	1	9N9692	BTW 01/39 & 12/52	1	Plug, Carburetor Strainer Ret. Expansion
32	1	9N9914	BTW 01/39 & 12/52	1	Jet, Carburetor Economizer
32	1	8N9914	BTW 01/48 & 12/52	1	Jet, Carburetor Economizer, 8N, 8NAN
33		NLS	BTW 01/39 & 12/52	1	Carburetor Drain Cock Assy., 8NAN After S/N 277554 {8N99537}
34		8N99597	BTW 01/39 & 12/52	4	Carburetor Throttle Plate Screw, & Lockwasher Assy.
35	1	9N9550A	BTW 01/39 & 12/56	1	Float & Lever Assy., 2N, 8N, 9N, 8NAN Except Kerosene Tractors Fitted W/Vaporizer
36	1, 2	9NAN9502	BTW 01/39 & 12/52	1	Kit, Carburetor Gasket, 9NAN, 2NAN, 8NAN, Includes 36A thru 36D
36A		NLS		1	Gasket {9NAN9516}
36B		NLS		1	Gasket {9NAN9519}
36C		NLS		1	Gasket {9NAN9563}
36D		NLS		1	Gasket {9NAN9589}
37	2	9N9560	BTW 01/39 & 12/52	1	Spring, Choke Valve, Used W/C3NN9564A
(1) No Longer Serviced					
(2) Not illustrated					
					2N 9N 8N

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AIR CLEANER & RELATED PARTS - 2N, 8N, 9N



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AIR CLEANER & RELATED PARTS - 2N, 8N, 9N

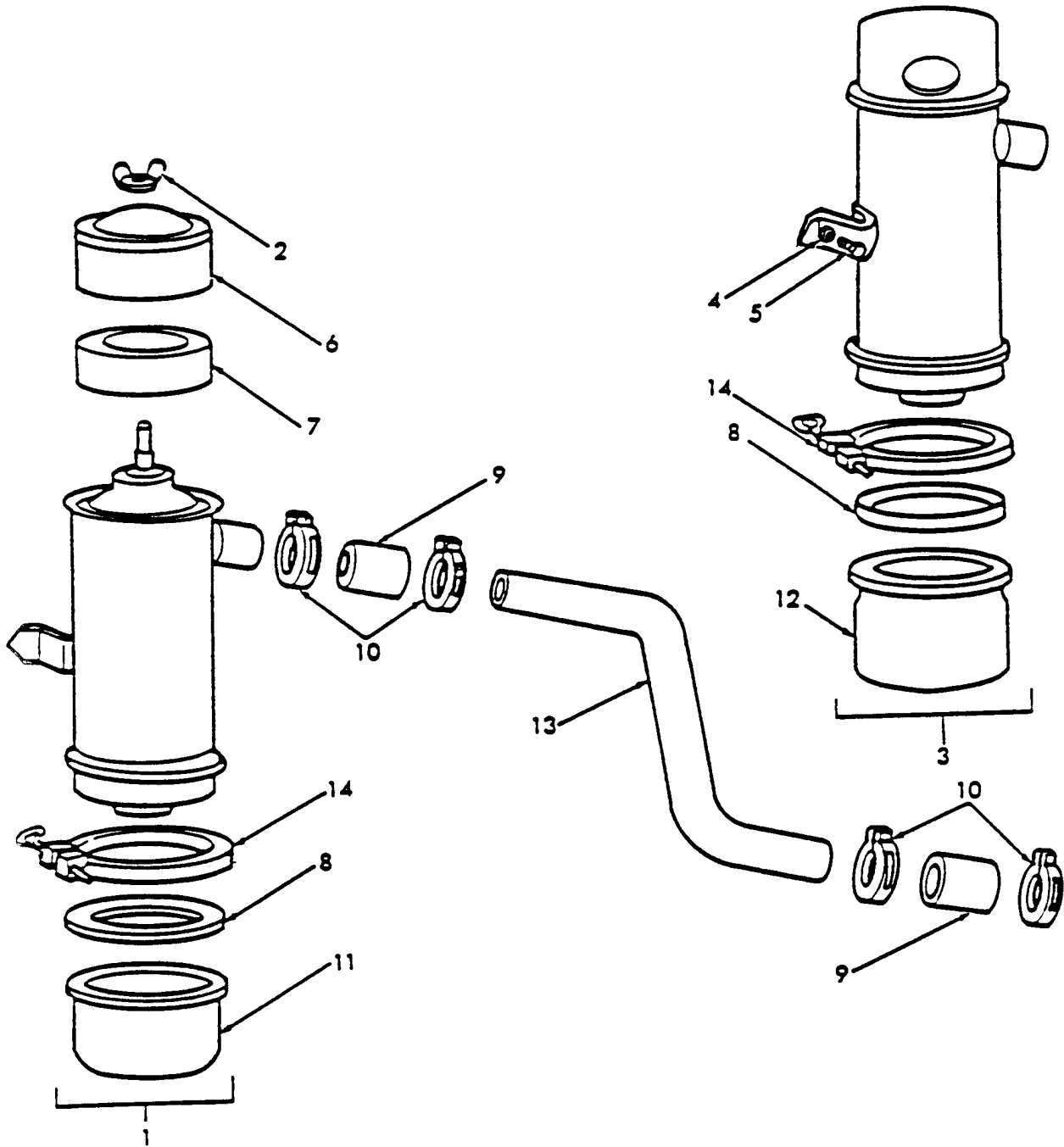
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NS	BTW 01/39 & 12/47	1	Air Cleaner Assy., 2N, 9N
1A	1	PL		AR	Washer, Lock, 7/16"
1B	1	PL		AR	Nut, &/16" - 20
1C	1	NLS	BTW 01/39 & 12/47	2	Bolt, Carriage, 7/16" - 20 x .68, Air Cleaner to Battery Support {355596S8}
2		PL	BTW 01/39 & 12/47	1	Nut, Wing, 1/4" - 20, Cover to Screw, 2N, 9N
3	2	8N9600B	BTW 01/48 & 12/52	1	Air Cleaner Assy., 8N
4		PL		AR	Washer, Lock, 3/8"
5		355494S8	BTW 01/48 & 12/52	2	Bolt, HH, 3/8" - 24 x .86, Air Cleaner Assy. to Battery Support, 8N
6		NS	BTW 01/39 & 12/47	1	Air Cleaner Cover Assy., Used W/9N9600C2, 2N, 9N
6		NS	BTW 01/43 & 12/47	1	Air Cleaner Cover Assy., Used W/9N9600D, 2N
7		NLS	BTW 01/39 & 12/47	1	Screen, Air Cleaner, Used W/9N9600C1, 2N, 9N {9N9619C1}
7		NLS	BTW 01/39 & 12/47	1	Screen, Air Cleaner, Used W/9N9600C2, 2N, 9N {9N9619C2}
7		NLS	BTW 01/43 & 12/47	1	Screen, Air Cleaner, Used W/9N9600D, 2N {9N9619C3}
8		NS	BTW 01/39 & 12/52	1	Gasket, Air Cleaner
8		9N9623B	BTW 01/48 & 12/52	1	Gasket, Air Cleaner, 8N
8A	1	9N9628C1	BTW 01/39 & 12/47	1	Air Cleaner Clamp Assy., Used W/9N9658C1, 2N, 9N
8A	1	9N9628C2	BTW 01/39 & 12/52	1	Air Cleaner Clamp Assy., Used W/9N9658C2 & 8N9658B
9		9N9652B	BTW 01/39 & 12/52	2	Hose, Air Cleaner to Carburetor, Used W/8N9600B Only
9		9N9652	BTW 01/39 & 12/52	2	Hose, Air Cleaner to Carburetor, Used W/9600A4 Only
10		82012728	BTW 01/39 & 12/52	4	Clamp Assy., Air Cleaner to Carburetor Hose
11		NS	BTW 01/39 & 12/47	1	Air Cleaner Oil Cup Assy., Used W/9N9628C1, 2N, 9N
11		NS	BTW 01/39 & 12/52	1	Air Cleaner Oil Cup Assy., Used W/9N9628C2
12		311506	BTW 01/48 & 12/52	1	Inner Air Cleaner Oil Cup Assy., Used W/8N9600B, 8N

(1) Not illustrated

(2) No Longer Serviced

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AIR CLEANER & RELATED PARTS - 2N, 8N, 9N



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AIR CLEANER & RELATED PARTS - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
12		311507	BTW 01/48 & 12/52	1	Outer Air Cleaner Oil Cup Assy., Used W/8N9600B, 8N
12		B5NN9658A	BTW 01/43 & 12/52	1	Air Cleaner Oil Cup Assy., Used W/8N9600A4, 2N, 8N
13		86602649	BTW 01/39 & 12/52	1	Tube, Air Cleaner to Carburetor, 9N, 2N, 8NAN, Includes: Ref. 14
14		311508	BTW 01/39 & 12/52	1	Clamp Assy., Air Cleaner Cup

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SECTION INDEX

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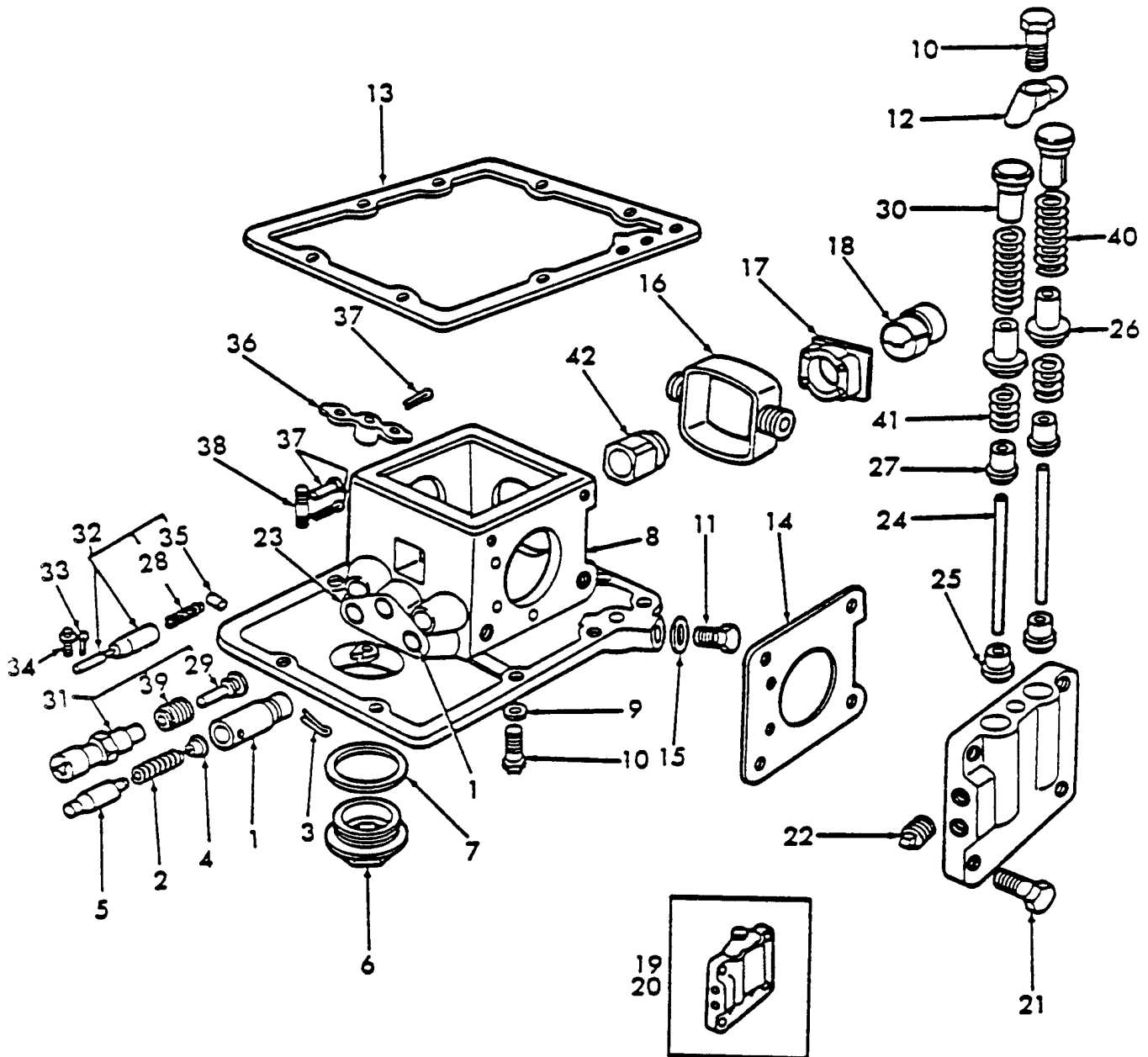
HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N

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HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N



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HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N695C	BTW 01/48 & 12/52	1	Bushing, Hydraulic Pump Intake Valve, 8N
1		8N695BRP	BTW 01/48 & 12/52	1	Bushing, Hydraulic Pump Intake Valve, .010" O/S, 8N
2		8N697	BTW 01/48 & 12/52	1	Spring, Hydraulic Pump Intake Valve, 8N
3		PL		AR	Pin, 3/32" x 1-1/4" Cotter
4		PL	BTW 01/48 & 12/52	1	Plug, Button, Return Spring in Intake Bushing, 3/8"
5		8N698E	BTW 01/48 & 12/52	1	Valve, Hydraulic Pump Intake, .5917/.5918, White, 8N
5		8N698F	BTW 01/48 & 12/52	1	Valve, Hydraulic Pump Intake, .5918/.5920, Blue, 8N
5		8N698G	BTW 01/48 & 12/52	1	Valve, Hydraulic Pump Intake, .5920/.5921, Yellow, 8N
5A	1	B6387A	BTW 01/39 & 12/52	2	Pin, Hydraulic Pump Base Dowel
6		9N7010	BTW 01/39 & 12/52	1	Plug, Hydraulic Pump Drain
7		8N7011	BTW 01/39 & 12/52	1	Gasket, Hydraulic Pump Drain
8		NS	BTW 01/39 & 12/47	1	Hydraulic Pump Assy., Order Components, 2N,9N
8		NS	BTW 01/48 & 12/52	1	Hydraulic Pump Assy., Order Components, 8N
8		8N605A	BTW 01/48 & 12/52	1	Hydraulic Pump Base Assy., Optional W/B, 8N
8		NLS	BTW 01/48 & 12/52	1	Hydraulic Pump Base Assy., Optional W/A, 8N {8N605B}
8		9N605A	BTW 01/39 & 12/47	1	Hydraulic Pump Base Assy., 2N, 9N
9		351428S8	BTW 01/39 & 12/52	9	Washer, Flat, 7/16", Used W/Aluminum Base
10		359264S8	BTW 01/39 & 12/52	9	Bolt, Hex, 7/16"-14 x 1.38", Base to Center Housing
10		359264S8	BTW 01/39 & 12/52	2	Bolt, 7/16"-14 x 1.38", Clamps to Valve Chamber
11		PL	BTW 01/39 & 12/52	1	Bolt, HH, 1/2"-20 x .50", Used as Hydraulic Pump Base Drain Plug
12		9N609	BTW 01/39 & 12/52	2	Clamp, Hydraulic Pump Valve Chamber Top
13		9N611	BTW 01/39 & 12/52	1	Gasket, Hydraulic Pump Base to Center Housing
14		9N613	BTW 01/39 & 12/52	2	Gasket, Valve Chamber to Base
15		C20Z6734A	BTW 01/39 & 12/52	1	Gasket, Hydraulic Pump Base Drain Plug
16		9N615	BTW 01/39 & 12/52	2	Piston, Hydraulic Pump
17		9N617A	BTW 01/39 & 12/52	2	Cam Block, Hydraulic Pump, Alternate W/9N617B or 9N617C
17		NLS	BTW 01/39 & 12/52	2	Cam Block, Hydraulic Pump, Alternate W/9N617A or 9N617C {9N617B}
17		NLS	BTW 01/39 & 12/52	2	Cam Block, Hydraulic Pump, Alternate W/ 9n617A or 9n617B {9N617C}
18		9N618A	BTW 01/39 & 12/52	1	Cam, Hydraulic Pump

(1) Not illustrated

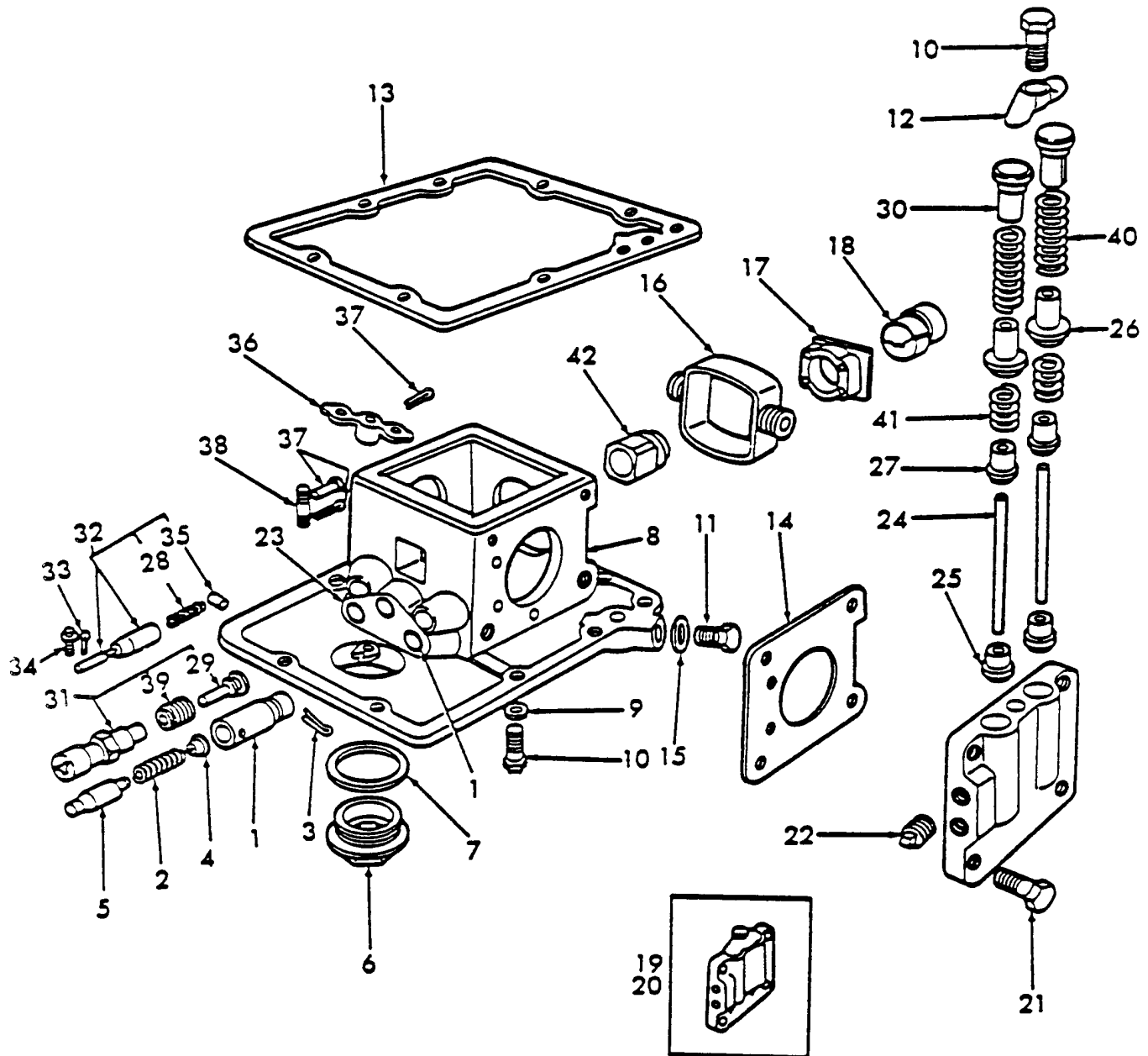
2N 9N 8N

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HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N



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HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N

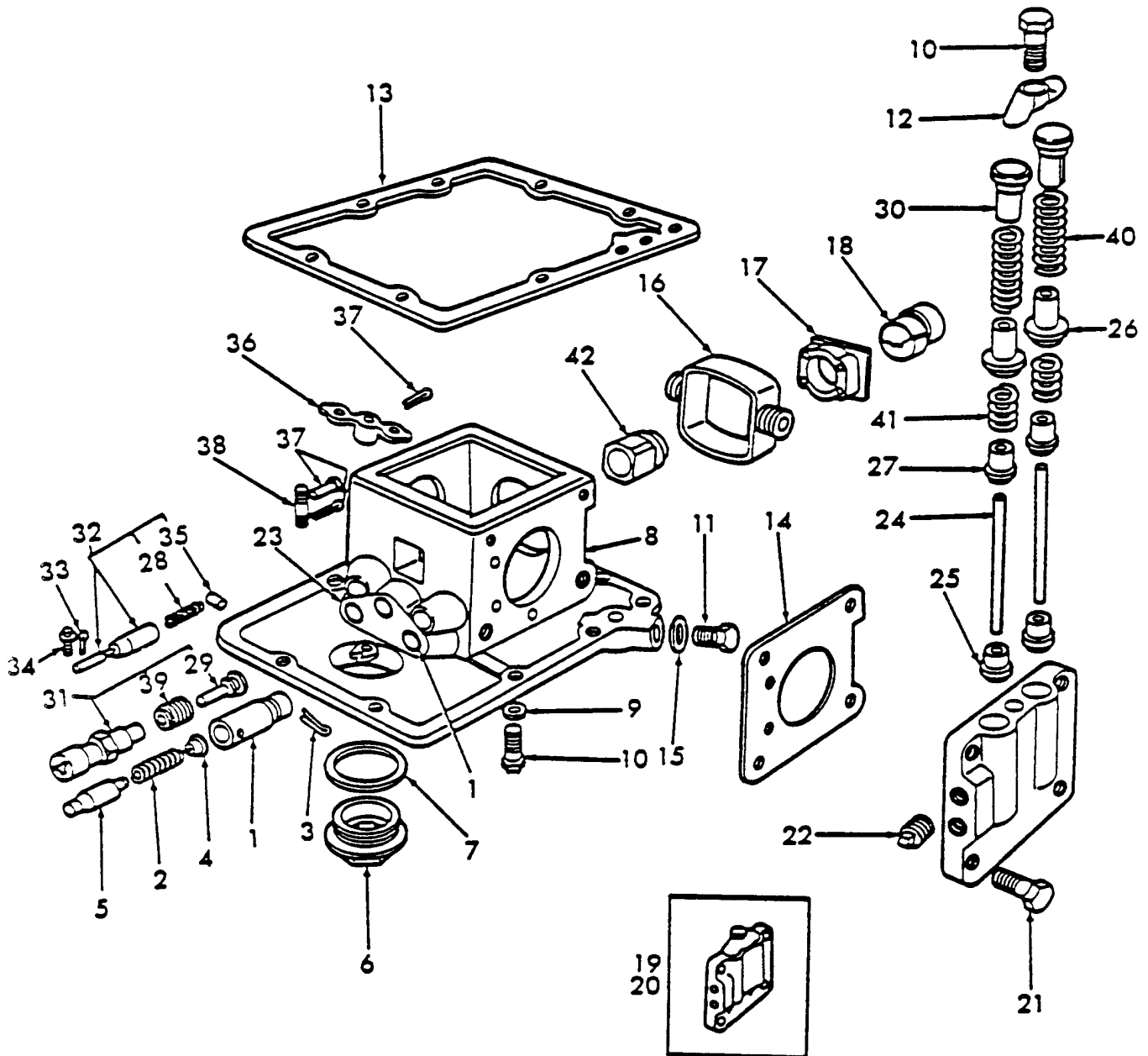
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
19		9N621	BTW 01/39 & 12/52	1	Chamber Assy., Hydraulic Pump Valve, RH
20		9N622	BTW 01/39 & 12/52	1	Chamber Assy., Hydraulic Pump Valve, LH
21		PL	BTW 01/39 & 12/52	8	Bolt, HH, 7/16"-20 x 1.56", Valve Chamber to Aluminum Base
21		351085S8	BTW 01/39 & 12/52	8	Bolt, HH, 7/16"-20 x 1.25", Valve Chamber to Cast Iron Base
22		9617020	BTW 01/39 & 12/52	4	Plug, Pipe, HS, 1/4"-18, NPTF, Used as Plug in Valve Chamber
23		9N625C	BTW 01/39 & 12/47	1	Bushing, Hydraulic Pump Exhaust Valve, 9N, 2N
23		8N625ARP	BTW 01/48 & 12/52	1	Bushing, Hydraulic Pump Exhaust Valve, .010" O/S, 8N
23		8N625B	BTW 01/48 & 12/52	1	Bushing, Hydraulic Pump Exhaust Valve, 8N
24		9N626	BTW 01/39 & 12/52	4	Guide, Hydraulic Pump Valve
25		9N627	BTW 01/39 & 12/52	4	Socket, Hydraulic Pump Valve Guide
26		9N628	BTW 01/39 & 12/52	4	Valve, Hydraulic Pump Outlet
27		9N629	BTW 01/39 & 12/52	4	Valve, Hydraulic Pump Inlet
28		9N632	BTW 01/39 & 12/52	1	Spring, Hydraulic Pump Exhaust Valve
29		9N635	BTW 01/39 & 12/52	1	Valve, Hydraulic Pump Check
30		9N636	BTW 01/39 & 12/52	4	Plug, Hydraulic Pump Valve Chamber
31		8N638	BTW 01/39 & 12/52	1	Valve Assy., Hydraulic Pump Safety
32		9N640	BTW 01/39 & 12/47	1	Valve Assy., Hydraulic Pump Control, 9N, 2N
32		8N640A2	BTW 01/48 & 12/52	1	Valve Assy., Hydraulic Pump Control, .5917/.5918, White, 8N
32		8N640B	BTW 01/48 & 12/52	1	Valve Assy., Hydraulic Pump Control, .5918/.5920, Blue, 8N
32		8N640C	BTW 01/48 & 12/52	1	Valve Assy., Hydraulic Pump Control, .5920/.5921, Yellow, 8N
32		8N640D	BTW 01/48 & 12/52	1	Valve Assy., Hydraulic Pump Control, .5923/.5924, Green, 8N
32		8N640E	BTW 01/48 & 12/52	1	Valve Assy., Hydraulic Pump Control, .5925/.5926, Orange, 8N
33		PL		AR	Pin, Cotter, 1/16" x 1/2"
34		352269S8	BTW 01/48 & 12/52	1	Pin, Clevis, 1/8" x .83", Exhaust Valve Stem to Control Lever
					2N 9N 8N

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HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N



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HYDRAULIC PUMP ASSEMBLY - 2N, 8N, 9N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
35	PL		BTW 01/48 & 12/52	1	Pin, Hydraulic Pump Exhaust Valve Return, 9N Used W/8N640-A2, -B, -C, -D, -E
36	8N643		BTW 01/48 & 12/52	1	Lever, Hydraulic Pump Intake & Exhaust Valve Control, 8N
37	PL		BTW 01/48 & 12/52	2	Pin, Cotter, 3/32" x .62", 8N
38	NLS		BTW 01/48 & 12/52	1	Pin, Dowel, 3/8" x 1.70", 8N Used as Pivot Pin in Pump Base Valve Control {357233S}
39	9N645		BTW 01/39 & 12/52	1	Spring, Hydraulic Pump Check Valve
40	9N646		BTW 01/39 & 12/52	4	Spring, Hydraulic Pump Outlet Valve
41	C7NN647A		BTW 01/39 & 12/52	4	Spring, Hydraulic Pump Inlet Valve
42	9N649A		BTW 01/39 & 12/52	1	Bushing, PTO Shaft, Hydraulic Pump Chamber, Optional W/B & C
42	NLS		BTW 01/39 & 12/52	1	Bushing, PTO Shaft, Hydraulic Pump Chamber, Optional W/A & C {9N649B}
42	NLS		BTW 01/39 & 12/52	1	Bushing, PTO Shaft, Hydraulic Pump Chamber, Optional W/A & B {9N649C}

2N 9N 8N

SECTION INDEX

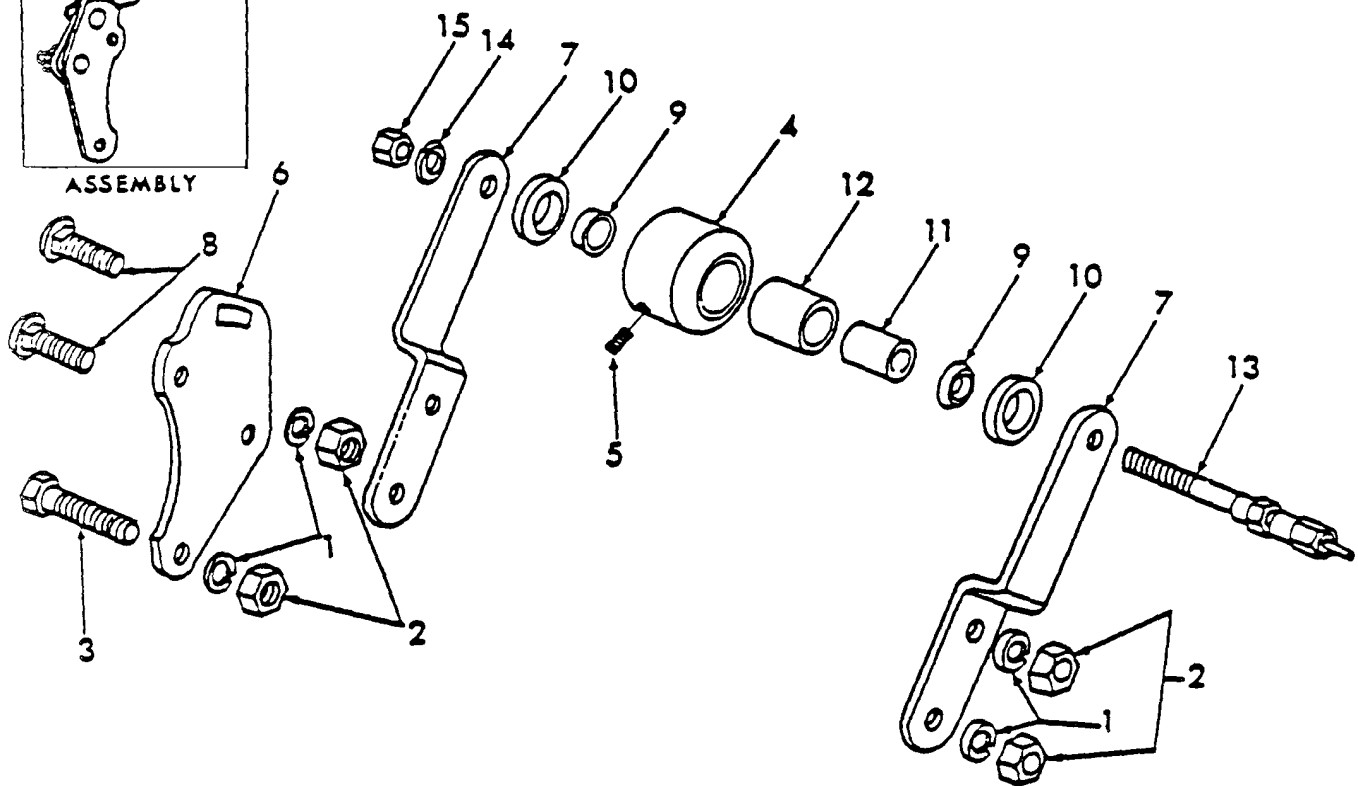
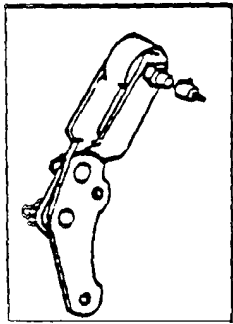
11A01	MAGNETIC IDLER PULLEY - 9N, 2N
11B01	GENERATOR & RELATED PARTS (3 BRUSH) - 8N BSN 263844 (48/49)
11B02	GENERATOR & RELATED PARTS (2 BRUSH) - 9N, 2N
11B03	GENERATOR & RELATED PARTS (2 BRUSH) - 8N ASN 263843 (50/52)
11C01	STARTER MOTOR & RELATED PARTS - 9N, 2N, 8N
11D01	DISTRIBUTOR & COIL ASSEMBLY - 9N, 2N & 8N BSN 263844
11D02	DISTRIBUTOR - 8N ON & ASN 263844
11E01	MAGNETO & DRIVE ASSEMBLY - 2N
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11G01	LIGHTING KIT & WIRING - 9N, 2N
11H01	LIGHTING KIT & WIRING - 8N
11J01	ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844
11J02	ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844

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MAGNETIC IDLER PULLEY - 9N, 2N



11A01

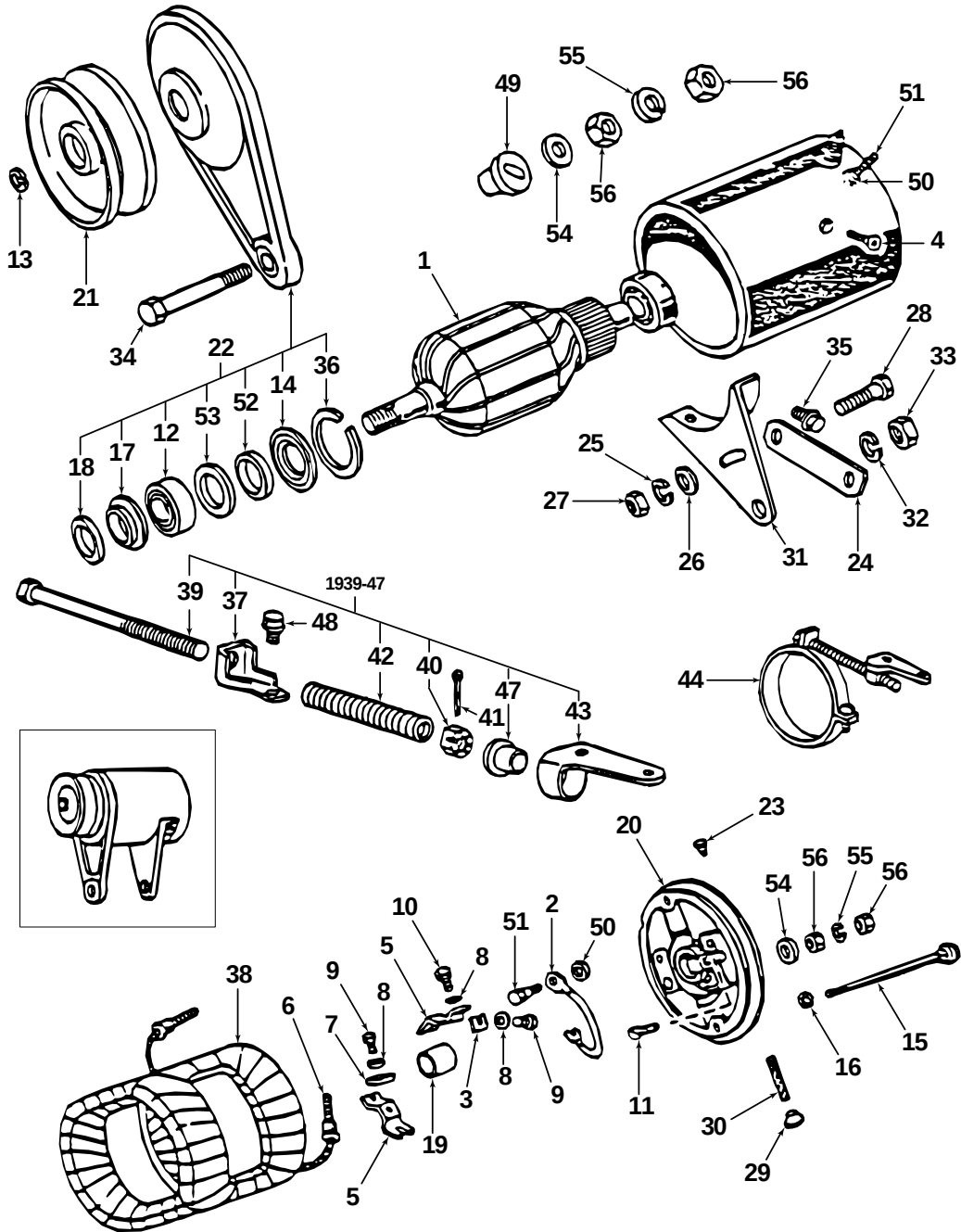
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MAGNETIC IDLER PULLEY - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	NS	BTW 01/42 & 12/43	1	Pulley Assy., Idler	
1	PL		AR	Washer, Lock, 7/16"	
2	PL		AR	Nut, Hex, 7/16"-20	
2	PL		AR	Nut, Hex, 7/16"	
3	PL	BTW 01/42 & 12/43	1	Bolt, 7/16"-20 x 1.68, Pulley Assy. to Motor Support	
4	NLS	BTW 01/42 & 12/43	1	Pulley, Fan Belt Idler, Use for Mag. Conversion {2N8679}	
5	PL	BTW 01/42 & 12/43	1	Screw, Pulley #8-32 x 1/2"	
6	NLS	BTW 01/42 & 12/43	1	Bracket, Fan Belt Idler, Use for Mag. Conversion {2N8680}	
7	NLS	BTW 01/42 & 12/43	2	Arm, Fan Belt Idler {2N8681}	
8	NLS	BTW 01/42 & 12/43	2	Bolt, 7/16"-20 x 1.12, Idler Arm to Bracket {355767S7}	
8	NLS	BTW 01/42 & 12/43	2	Bolt, Hex, 7/16"-20 x 1-3/4" {351436S7}	
9	NLS	BTW 01/42 & 12/43	2	Spacer, Fan Belt Idler {2N8682}	
10	NLS	BTW 01/42 & 12/43	2	Seal, Fan Belt Idler Pulley, Use for Mag. Conversion {2N8683}	
11	NLS	BTW 01/42 & 12/43	1	Race, Idler Inner Bearing, Use for Mag. Conversion {2N8684A}	
12	NLS	BTW 01/42 & 12/43	1	Race, Idler Outer Bearing {2N8685A}	
13	2N8686	BTW 01/42 & 12/43	1	Bolt, Idler Pulley Axle	
14	PL		AR	Washer, Lock, 1/2"	
15	NLS	BTW 01/42 & 12/43	1	Nut, 1/2"-20 {356084S8}	
					2N 9N

GENERATOR & RELATED PARTS (3 BRUSH) - 8N BSN 263844 (48/49)



GENERATOR & RELATED PARTS (3 BRUSH) - 8N BSN 263844 (48/49)

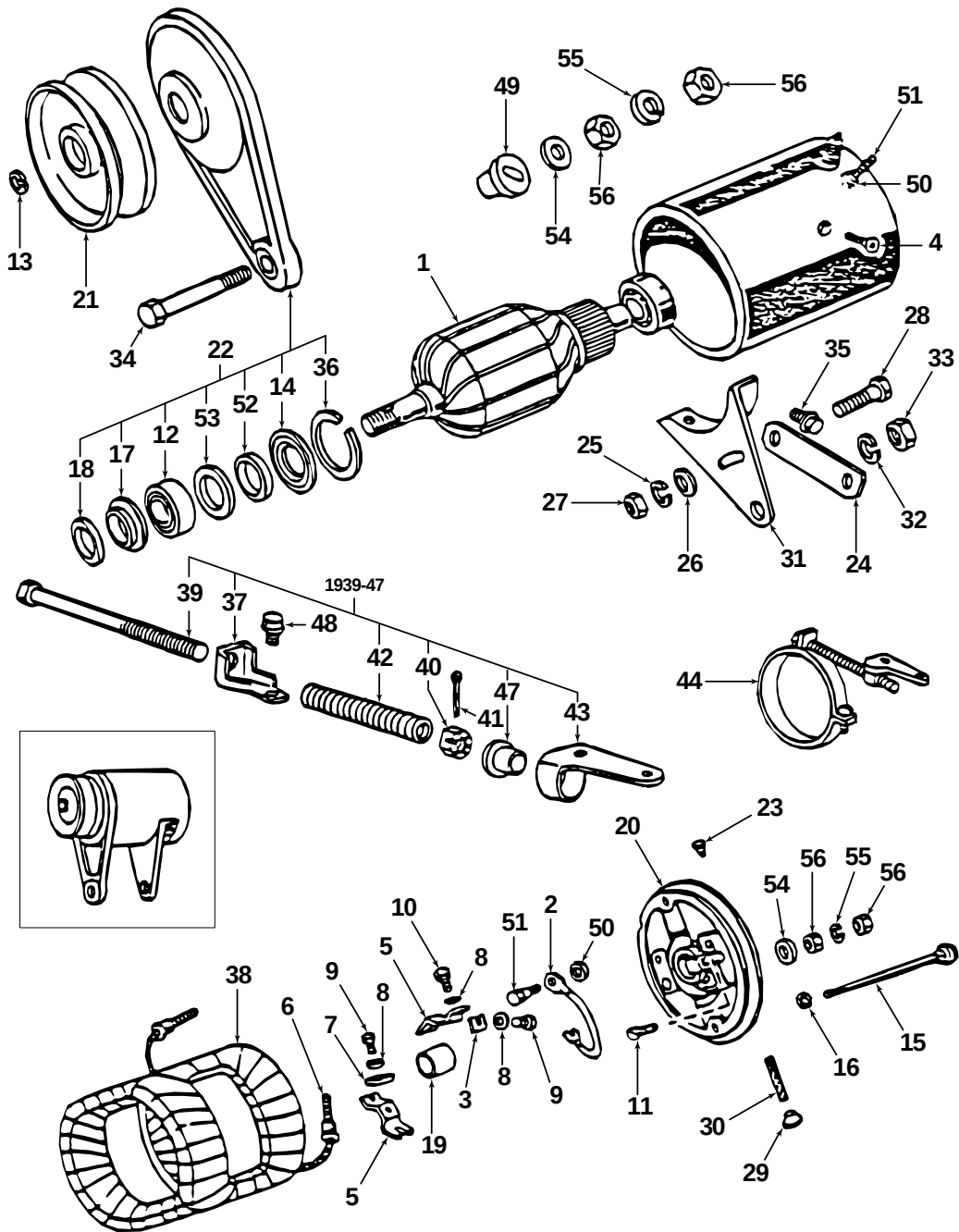
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N10000BLPR	BTW 01/48 & 12/49	1	Generator Assy.
		NLS	BTW 01/48 & 12/49	1	Armature Assy., Generator, Used W/8N10175A {8N10005A}
2		9N10036	BTW 01/48 & 12/49	1	Wire Assy., Brush to Term Lead
3		4010043		AR	Generator Brush Set, Includes 3A & 3B
3A	1	NLS	BTW 01/48 & 12/49	2	Brush {4010069}
3B	1	NLS	BTW 01/48 & 12/49	1	Brush {4010070}
4		6810044	BTW 01/48 & 12/49	2	Screw, Generator Pole Piece
5		NLS	BTW 01/48 & 12/49	3	Holder, Generator Brush {4010051}
6		4010057	BTW 01/48 & 12/49	3	Spring, Brush, Used W/9N10069B & 4010043
7		9N10069B	BTW 01/48 & 12/49	3	Brush Assy., Main, Used W/9N10000B
8		PL	BTW 01/48 & 12/49	7	Washer, Lock, #8
9		PL	BTW 01/48 & 12/49	3	Screw, Machine, Fillister Hd., #8-32 x 1/2"
10		PL	BTW 01/48 & 12/49	3	Screw, Machine, Fillister Hd., #8-32 x 3/16"
11		1810088	BTW 01/48 & 12/49	2	Dowel, Locating
12		E27N10094B	BTW 01/48 & 12/49	1	Bearing, Generator, Front End
13		9N10096C	BTW 01/48 & 12/49	1	Ring, Retaining, Generator Pulley
14		NS	BTW 01/48 & 12/49	1	Retainer, Grease, Drive End Plate
15		C2AF10120A	BTW 01/48 & 12/49	2	Bolt, Frame Thru
16		PL	BTW 01/48 & 12/49	2	Washer, Lock, 1/4"
17		NS	BTW 01/48 & 12/49	1	Retainer, Front Bearing, Oil Seal Front
18		9N10122	BTW 01/48 & 12/49	1	Seal, Oil, Front Bearing, Front
19		9N10128B	BTW 01/48 & 12/49	1	Bearing, Plate, Rear End
20		NS	BTW 01/48 & 12/49	1	Plate, Rear End
21		NS	BTW 01/48 & 12/49	1	Pulley, Generator
22		9N10138C	BTW 01/48 & 12/49	1	Plate Assy., Drive, End
23		NLS	BTW 01/48 & 12/49	1	Cup, Oil, Rear End Plate Bearing {B10141A}
24		8N10145	BTW 01/48 & 12/49	1	Arm, Belt Adjusting, Prior to S/N 263844, 8N
25		PL	BTW 01/48 & 12/49	1	Washer, Lock, 3/8"
26		PL	BTW 01/48 & 12/49	1	Washer, Flat, 3/8"
27		PL	BTW 01/48 & 12/49	1	Nut, Hex, 3/8"-16
28		PL	BTW 01/48 & 12/49	1	Bolt, 3/8"-16 x 1, Arm to Bracket
29		NLS	BTW 01/48 & 12/49	1	Plug, Plate, Rear End {1810146}
30		NLS	BTW 01/48 & 12/49	1	Wick, Rear End, Plate Bearing {1810147}
(1) Not illustrated					
					8N

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GENERATOR & RELATED PARTS (3 BRUSH) - 8N BSN 263844 (48/49)



GENERATOR & RELATED PARTS (3 BRUSH) - 8N BSN 263844 (48/49)

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
31		NLS	BTW 01/48 & 12/49	1	Bracket, Generator Support {8N10151A}
32		PL	BTW 01/48 & 12/49	1	Washer, Lock, 7/16"
33		PL	BTW 01/48 & 12/49	1	Nut, Hex, 7/16"-20
34		PL	BTW 01/48 & 12/49	1	Bolt, 7/16"-20 x 3.12, Bracket to End
35		PL	BTW 01/48 & 12/49	2	Bolt & L/Washer Assy., 1/4"-20 x 3/8"
36		NS	BTW 01/48 & 12/49	1	Ring, Generator, Front Bearing Stop
37		NLS	BTW 01/48 & 12/49	1	Bracket, Belt Adjusting {2N10167A}
38		NLS	BTW 01/48 & 12/49	1	Coil Assy., Field, Used W/8N-10005 {8N10175}
39	1	NLS	BTW 01/48 & 12/49	1	Bolt, Belt Adjustment {2N10176A}
40		PL	BTW 01/48 & 12/49	1	Nut, Hex, 3/8"-24
41		PL	BTW 01/48 & 12/49	1	Pin, Cotter, 3/32" x 3/4"
42		2N10177	BTW 01/48 & 12/49	1	Spring, Belt Adjusting
43		NS	BTW 01/48 & 12/49	1	Bracket, Belt Adjusting Head
44		2N10179	BTW 01/48 & 12/49	1	Clamp & Bracket Assy.
45		PL	BTW 01/48 & 12/49	1	Washer, Lock, 5/16"
46		PL	BTW 01/48 & 12/49	1	Nut, Hex, 5/16"-24
47		2N10180	BTW 01/48 & 12/49	1	Nut, Belt Adjusting Shoulder
48		PL	BTW 01/48 & 12/49	1	Bolt, 5/16"-24 x 1.87, Clamp
49		81A10206	BTW 01/48 & 12/49	1	Insulator, Housing Term Screw, Outer
50		81A10208	BTW 01/48 & 12/49	2	Insulator, Housing, Term, Screw, Inner
51		11A10211B	BTW 01/48 & 12/49	2	Screw, Housing Term
52		NLS	BTW 01/48 & 12/49	1	Seal, Oil, Front Bearing, Rear {8N10212}
53		NS	BTW 01/48 & 12/49	1	Retainer, Front Bearing, Oil Seal
54		PL	BTW 01/48 & 12/49	2	Washer, Flat, #10
55		PL	BTW 01/48 & 12/49	2	Washer, Lock, #10
56		PL	BTW 01/48 & 12/49	4	Nut, Hex, #10-32

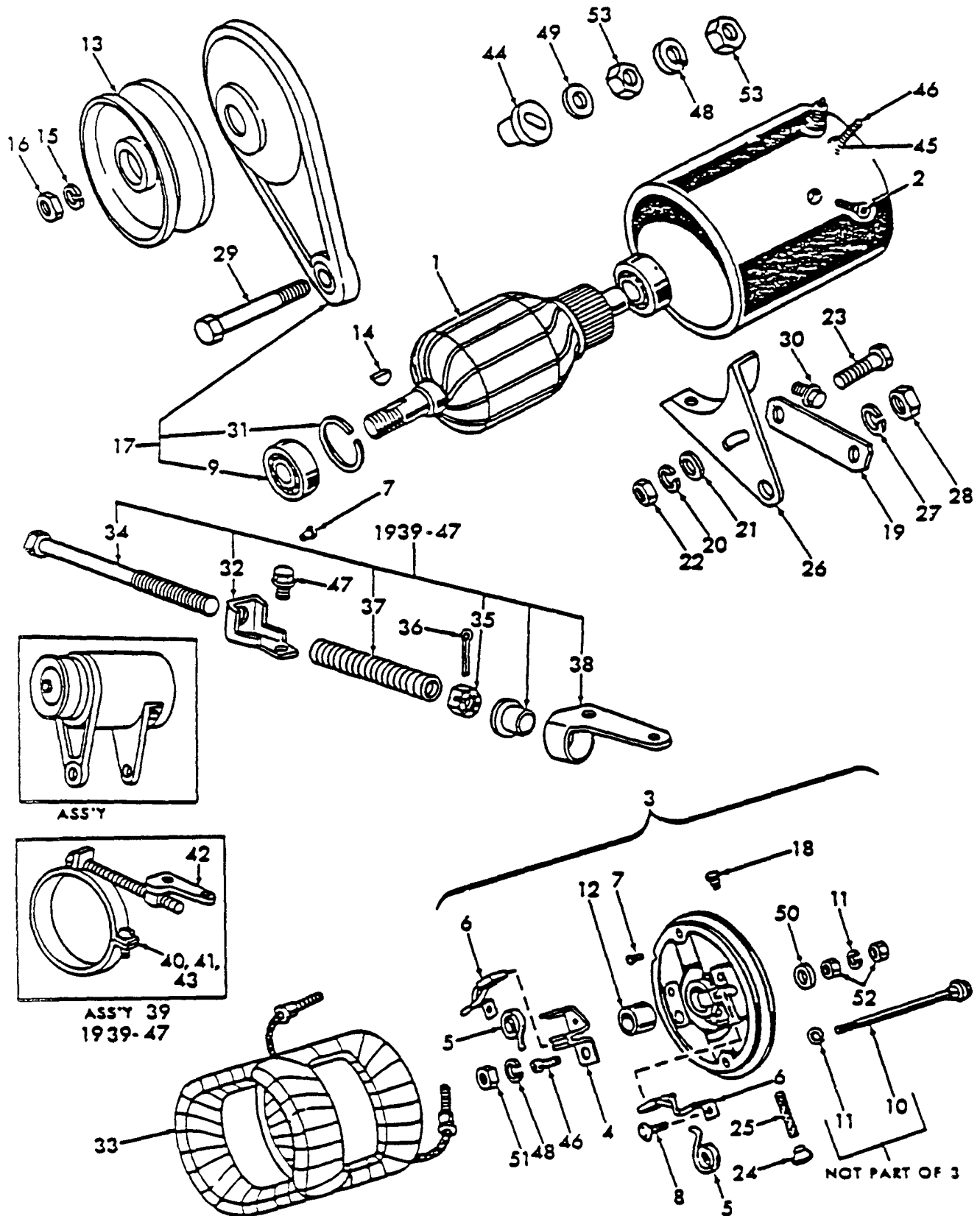
(1) No Longer Serviced

11B02

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GENERATOR & RELATED PARTS (2 BRUSH) - 9N, 2N



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GENERATOR & RELATED PARTS (2 BRUSH) - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N1000BLPR	BTW 01/39 & 12/47	1	Generator Assy., Prior to S/N 263844
2		9N10005C	BTW 01/39 & 12/47	1	Armature Assy., Generator, Used W/9N10175C
3		6810044	BTW 01/39 & 12/47	1	Screw, Generator Pole Piece
4		8N10050	BTW 01/39 & 12/47	1	Plate Assy., Generator, Rear End
5		NLS	BTW 01/39 & 12/47	3	Holder, Generator Brush {4010051}
6		4010057	BTW 01/39 & 12/47	3	Spring, Used W/9N10069B & 4010043
7		9N10069B	BTW 01/39 & 12/47	3	Brush Assy., Generator, Main, Used W/9N10000B
8		1810088	BTW 01/39 & 12/47	2	Dowel, Generator Locating
9		PL	BTW 01/39 & 12/47	1	Screw, 1/4"-28 x 3/8", Brush to Plate
10		E27N10094B	BTW 01/39 & 12/47	1	Bearing, Generator, Front End
11		NLS	BTW 01/39 & 12/47	2	Bolt, Frame Thru {1810120A}
12		PL	BTW 01/39 & 12/47	2	Washer, Lock, 1/4"
13		9N10128B	BTW 01/39 & 12/47	1	Bearing, Plate, Rear End
14		9N10130B	BTW 01/39 & 12/47	1	Pulley, Generator
15		PL	BTW 01/39 & 12/47	1	Key, Woodruff, 5/32" x 5/8"
16		PL	BTW 01/39 & 12/47	1	Washer, Lock, 11/16"
17		351124S	BTW 01/39 & 12/47	1	Nut, .6689"-20
18		8N10138A	BTW 01/39 & 12/47	1	Plate Assy., Drive End, Used W/8N10000B
19		NLS	BTW 01/39 & 12/47	1	Cup, Oil, Rear End Plate {B10141A}
20		8N10145	BTW 01/39 & 12/47	1	Arm, Belt Adjust, Before S/N 263844
21		PL	BTW 01/39 & 12/47	1	Washer, Lock, 3/8"
22		PL	BTW 01/39 & 12/47	1	Washer, Flat, 3/8"
23		PL	BTW 01/39 & 12/47	1	Nut, Hex, 3/8"-16
24		PL	BTW 01/39 & 12/47	1	Bolt, 3/8"-16 x 1, Arm to Bracket
25		NLS	BTW 01/39 & 12/47	1	Plug, Rear End Plate {1810146}
26		NLS	BTW 01/39 & 12/47	1	Wick, Rear End Plate Bearing {1810147}
27		NLS	BTW 01/39 & 12/47	1	Bracket, Generator Support {8N10151A}
28		PL	BTW 01/39 & 12/47	1	Washer, Lock, 7/16"
29		PL	BTW 01/39 & 12/47	1	Nut, Hex, 7/16"-20
30		PL	BTW 01/39 & 12/47	1	Bolt, 7/16"-20 x 3.12, Bracket to End
31		PL	BTW 01/39 & 12/47	1	Bolt & Lockwasher, 1/4"-20 x 3/8"
32		NS	BTW 01/39 & 12/47	1	Ring, Generator Front Bearing Stop, Used W/E27N10094B
33		NLS	BTW 01/39 & 12/47	1	Bracket, Belt Adjusting {2N10167}
		9N10175C	BTW 01/39 & 12/47	1	Coil Assy., Field, Used W/9N10005C
					2N 9N

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GENERATOR & RELATED PARTS (2 BRUSH) - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
34		NLS	BTW 01/39 & 12/47	1	Bolt, Belt Adjusting {2N10176A}
35		PL	BTW 01/39 & 12/47	1	Nut, Hex, 3/8"-24
36		PL	BTW 01/39 & 12/47	1	Pin, Cotter, 3/32" x 3/4"
37		2N10177	BTW 01/39 & 12/47	1	Spring, Belt Adjusting
38		NS	BTW 01/39 & 12/47	1	Bracket, Belt Adjusting Cylinder Head
39		2N10179	BTW 01/39 & 12/47	1	Clamp & Bracket Assy.
40		PL	BTW 01/39 & 12/47	1	Washer, Lock, 5/16"
41		PL	BTW 01/39 & 12/47	1	Nut, Hex, 5/16"-24
42		2N10180	BTW 01/39 & 12/47	1	Nut, Belt Adjusting Shoulder
43		PL	BTW 01/39 & 12/47	1	Bolt, 5/16"-24 x 1.87, Clamp
44		81A10206	BTW 01/39 & 12/47	1	Insulator, Housing Term Screw, Outer
45		81A10208	BTW 01/39 & 12/47	1	Insulator, Housing, Term Screw, Outer
46		11A10211B	BTW 01/39 & 12/47	2	Screw, Housing Term
47		PL	BTW 01/39 & 12/47	1	Bolt, 5/16"-24 x 1.87", Clamp
48		PL	BTW 01/39 & 12/47	2	Washer, Lock, #10
49		PL	BTW 01/39 & 12/47	1	Washer, Flat, #10
50		PL	BTW 01/39 & 12/47	1	Washer, Lock, 1/4"
51		PL	BTW 01/39 & 12/47	1	Nut, Hex, #10-32
52		PL	BTW 01/39 & 12/47	1	Nut, Hex, 1/4"-28
53		PL	BTW 01/39 & 12/47	1	Nut, Hex, #10-32

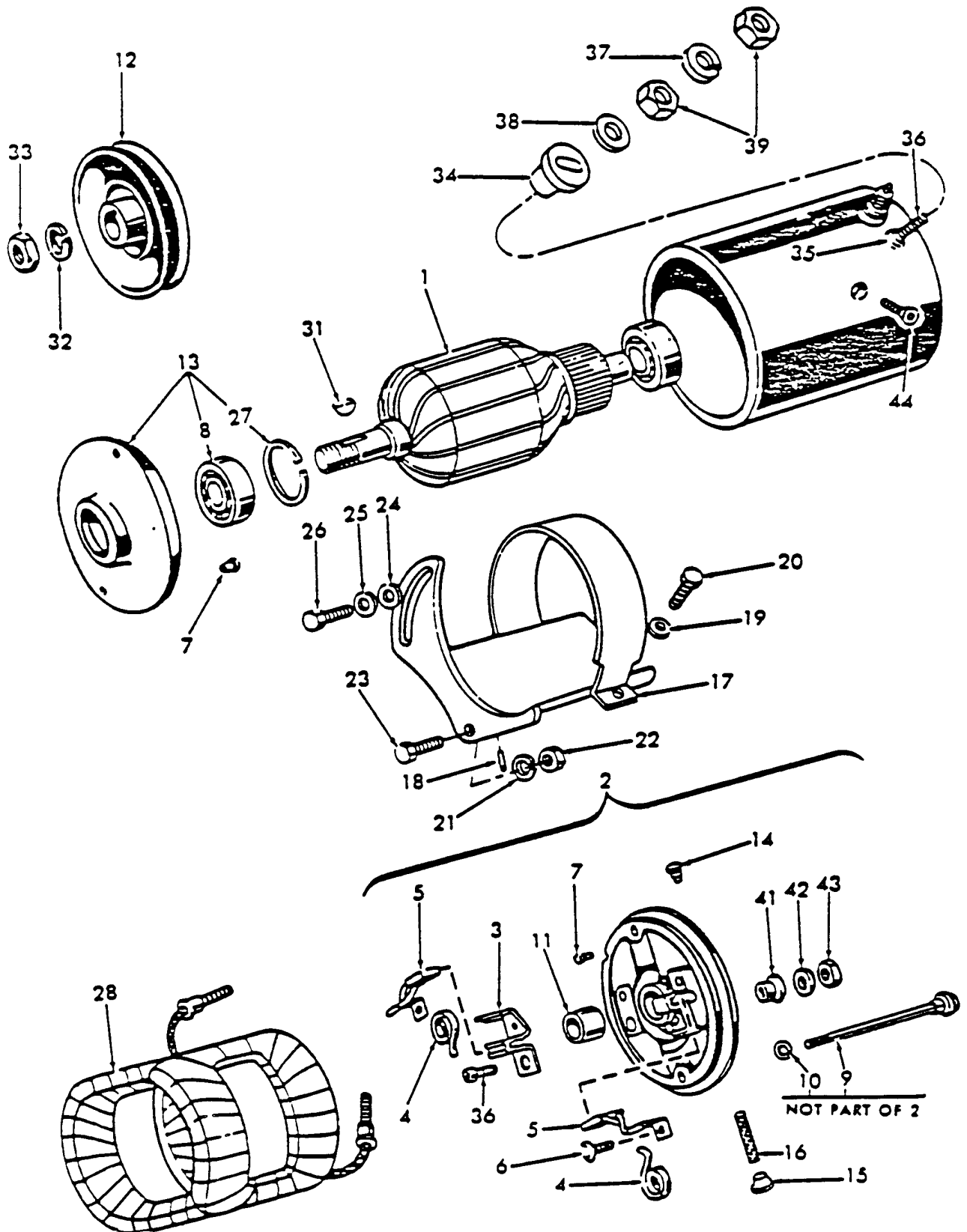
2N 9N

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GENERATOR & RELATED PARTS (2 BRUSH) - 8N ASN 263843 (50/52)



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GENERATOR & RELATED PARTS (2 BRUSH) - 8N ASN 263843 (50/52)

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		8N10001LPR	BTW 01/50 & 12/52	1	Generator Assy., L/Bracket, L/Pulley, After S/N 263843, 8N
1		FAA10005BR	BTW 01/50 & 12/52	1	Armature Assy., Generator, Used W/8N10175A & W/81A10175A
2		8N10050	BTW 01/50 & 12/52	1	Plate Assy., Generator Rear End
3		PL	BTW 01/50 & 12/52	2	Holder, Generator Brush
4		91A10057	BTW 01/50 & 12/52	2	Spring, Brush, Used W/FAA10069A
5		FAA10069A	BTW 01/50 & 12/52	2	Brush Assy., Generator, Main
6		PL	BTW 01/50 & 12/52	1	Screw, 1/4"-28 x .38", Brush to Plate
7		1810088	BTW 01/50 & 12/52	2	Dowel, Locating
8		65391	BTW 01/50 & 12/52	1	Bearing, Generator, Front End
9		C2AF10120A	BTW 01/50 & 12/52	2	Bolt, Frame Thru
10		PL	BTW 01/50 & 12/52	2	Washer, Lock, 1/4"
11		7810128	BTW 01/50 & 12/52	1	Bearing, Rear End Plate
12		8N10130A	BTW 01/50 & 12/52	1	Pulley, Generator
13		8N10138B	BTW 01/50 & 12/52	1	Plate Assy., Drive End, Used W/8N10001R Used W/9N7223B
14		NLS	BTW 01/50 & 12/52	1	Cup, Oil, Rear End Plate {B10141A}
15		NLS	BTW 01/50 & 12/52	1	Plug, Rear End Plate {1810146}
16		NLS	BTW 01/50 & 12/52	1	Wick, Rear End Plate Bearing {1810147}
17		8N10151C	BTW 01/50 & 12/52	1	Bracket, Generator Support
18		PL	BTW 01/50 & 12/52	1	Pin, 1/4" x .50, Bracket to Generator
19		PL	BTW 01/50 & 12/52	1	Washer, Lock, 1/4"
20		PL	BTW 01/50 & 12/52	1	Screw, 1/4"-20 x .75", Band to Bracket
21		PL	BTW 01/50 & 12/52	1	Washer, Lock, 1/2"
22		PL	BTW 01/50 & 12/52	1	Nut, Hex, 1/2"-13
23		PL	BTW 01/50 & 12/52	2	Bolt, 1/2"-13 x 1", Support to Bracket
24		PL	BTW 01/50 & 12/52	2	Washer, Lock, 3/8"
25		PL	BTW 01/50 & 12/52	2	Washer, Flat, 3/8"
26		PL	BTW 01/50 & 12/52	1	Bolt, 3/8"-16 x .75", To Pump Cover
27		01A10163	BTW 01/50 & 12/52	1	Ring, Front Bearing Stop
28		8N10175B	BTW 01/50 & 12/52	1	Coil Assy., Field
29	1	PL	BTW 01/50 & 12/52	1	Washer, Lock, #8
30	1	PL	BTW 01/50 & 12/52	2	Screw, #8-32 x .18, Coil to Brush

(1) Not illustrated

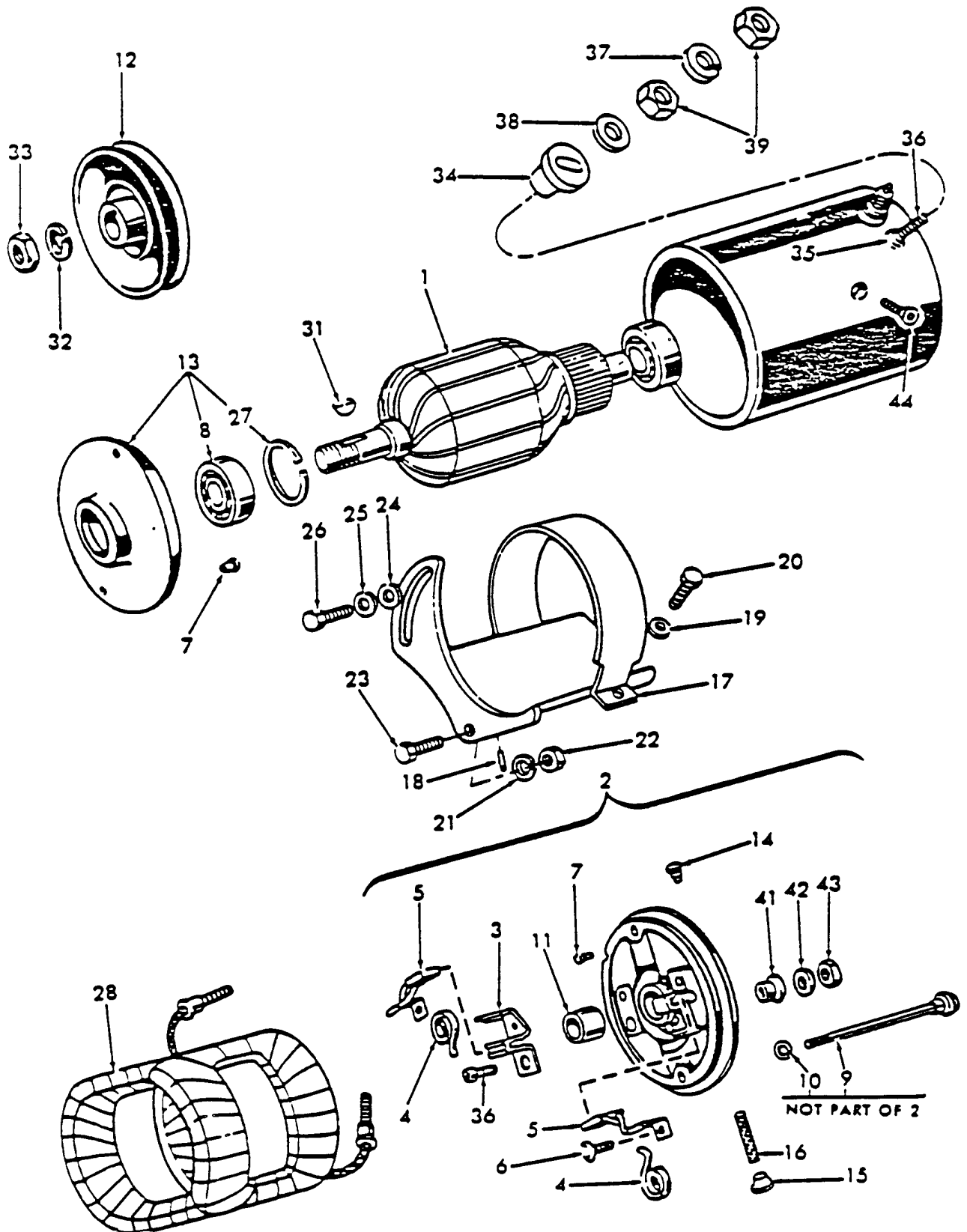
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03/04

GENERATOR & RELATED PARTS (2 BRUSH) - 8N ASN 263843 (50/52)



11B03

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GENERATOR & RELATED PARTS (2 BRUSH) - 8N ASN 263843 (50/52)

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
31		PL	BTW 01/50 & 12/52	1	Key, Woodruff, 5/32" x 5/8"
32		PL	BTW 01/50 & 12/52	1	Washer, Lock, 11/16"
33		351124S	BTW 01/50 & 12/52	1	Nut, .6689"-20
34		81A10206	BTW 01/50 & 12/52	1	Insulator, Housing, Terminal Screw, Outer
35		81A10208	BTW 01/50 & 12/52	1	Insulator, Housing, Terminal Screw, Inner
36		11A10211B	BTW 01/50 & 12/52	2	Screw, Housing Terminal
37		PL	BTW 01/50 & 12/52	2	Washer, Lock, #10
38		PL	BTW 01/50 & 12/52	1	Washer, Flat, #10
39	1	PL	BTW 01/50 & 12/52	2	Nut, Hex, #10-32
40	1	PL	BTW 01/50 & 12/52	1	Nut, Hex, #10-32
41		PL	BTW 01/50 & 12/52	1	Washer, Flat, 1/4"
42		PL	BTW 01/50 & 12/52	1	Washer, Lock, 1/4"
43		PL	BTW 01/50 & 12/52	1	Nut, Hex, 1/4"-20
44		6810044	BTW 01/50 & 12/52	1	Screw, Pole Piece
45	1	8N6129	BTW 01/50 & 12/52	1	Bracket, Generator Mounting
46	1	PL	BTW 01/50 & 12/52	2	Washer, Lock, 7/16"
47	1	PL	BTW 01/50 & 12/52	2	Nut, 7/16"-14

(1) Not illustrated

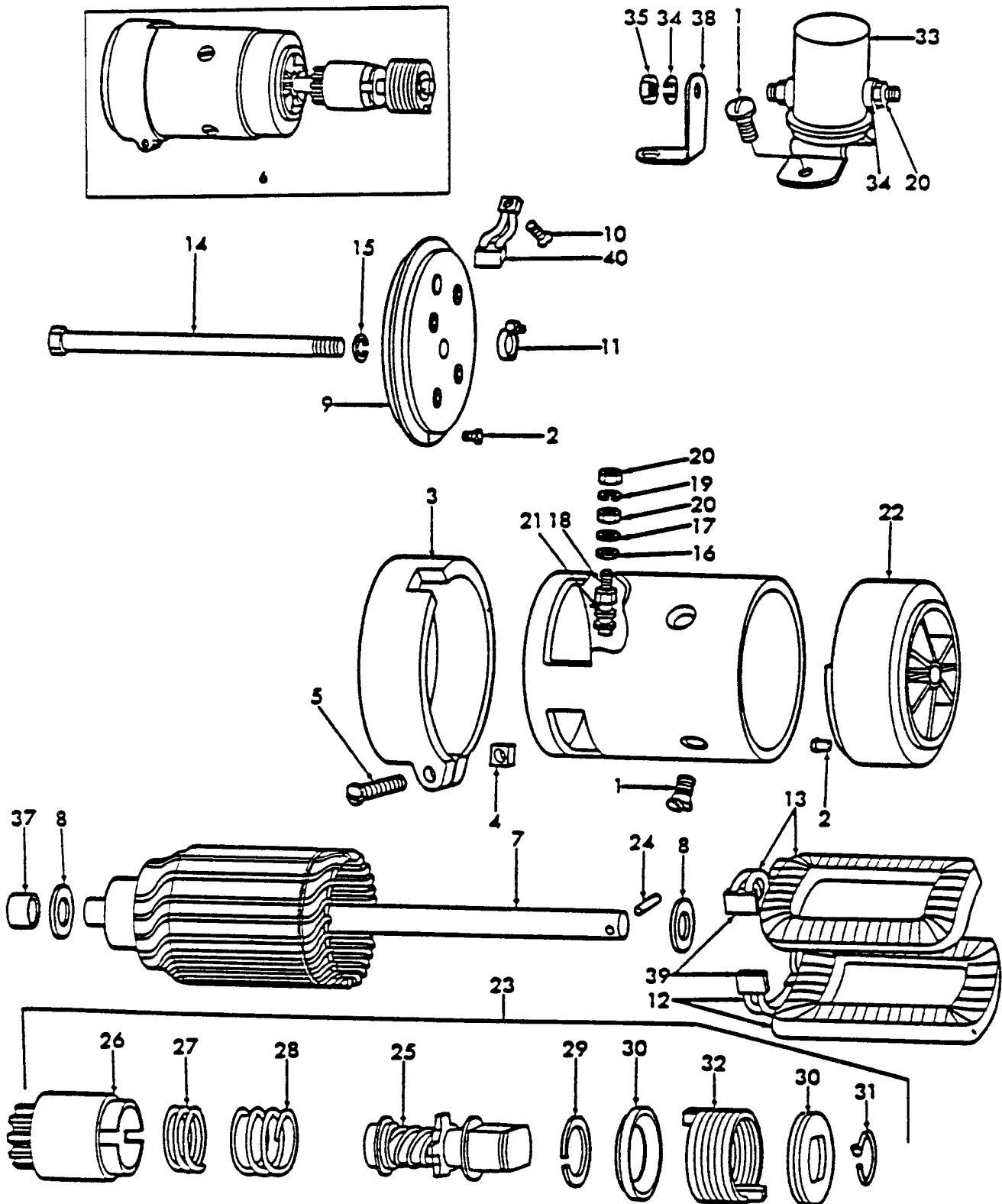
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STARTER MOTOR & RELATED PARTS - 9N, 2N, 8N



STARTER MOTOR & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		6810044	BTW 01/39 & 12/52	4	Screw, Starter Pole Piece
2		1810088	BTW 01/39 & 12/52	2	Dowel, Starter Frame Locating
3		1810142	BTW 01/39 & 12/52	1	Band, Starter Motor Cover
4		PL		AR	Nut, Square, #10-32
5		PL	BTW 01/39 & 12/52	1	Screw, Round Hd., #10-32 x 1.25", Cover Band
6		8N11001R	BTW 01/39 & 12/52	1	Starter Assy., L/Bendix Drive
7	1	D1JF11005AA	BTW 01/39 & 12/52	1	Armature Assy., Starter
8		1811036	BTW 01/39 & 12/52	2	Washer, Starter Armature Thrust
9		C3AF11050A	BTW 01/39 & 12/52	1	Plate Assy., Starting Motor Brush End
10		PL	BTW 01/39 & 12/52	2	Screw, Flat Hd., #10-32 x .50", Brush to Frame
11		D1AZ11059A	BTW 01/39 & 12/52	4	Spring, Starting Motor Brush
12		FAC11083A	BTW 01/39 & 12/52	1	Coil, Starter Field, LH
13		1811085	BTW 01/39 & 12/52	1	Coil, Starter Field, RH
14		1811091	BTW 01/39 & 12/52	2	Bolt, Starting Motor Thru
14A	2	PL	BTW 01/39 & 12/52	AR	Washer, Flat, 5/16", To Adjust thru Bolt Length
15		PL	BTW 01/39 & 12/52	2	Washer, Lock, 5/16"
16		PL	BTW 01/39 & 12/52	1	Washer, Flat, 5/16", Starter Field Terminal Insulator, Fibre
17		PL	BTW 01/39 & 12/52	1	Washer, Flat, 5/16", Starter Field Terminal Insulator-Steel
18		C7NF11102A	BTW 01/39 & 12/52	1	Terminal, Starter Field
19		PL		AR	Washer, Lock, 5/16"
20		PL	BTW 01/39 & 12/52	2	Nut, Hex Jam, 5/16"-24
21		1811107B	BTW 01/39 & 12/52	1	Insulator, Starter Frame to Coil, Inner
22		NLS	BTW 01/39 & 12/47	1	Plate Assy., Starter, Rear End, 9N, 2N {5211130A}
22		8N11130	BTW 01/48 & 12/52	1	Plate Assy., Starter, Rear End, 8N
22A	2	B11135	BTW 01/39 & 12/52	1	Bushing or Bearing, Starter, Rear End Plate, Bushing
23	3	D8NN11350BA	BTW 01/39 & 12/52	1	Drive Assy., Starter, Details NSS
24		5211365B	BTW 01/39 & 12/52	1	Pin, Starter Drive Pinion
25		5211366B	BTW 01/39 & 12/52	1	Screw & Shaft Assy., Starter Drive
26		NS	BTW 01/39 & 12/52	1	Pinion & Barrel Assy., Starter Drive
27		5211368	BTW 01/39 & 12/52	1	Spring, Starter Drive Meshing

(1) No Longer Serviced

(2) Not illustrated

(3) Refer to Service Bulletin 5-72, 13T

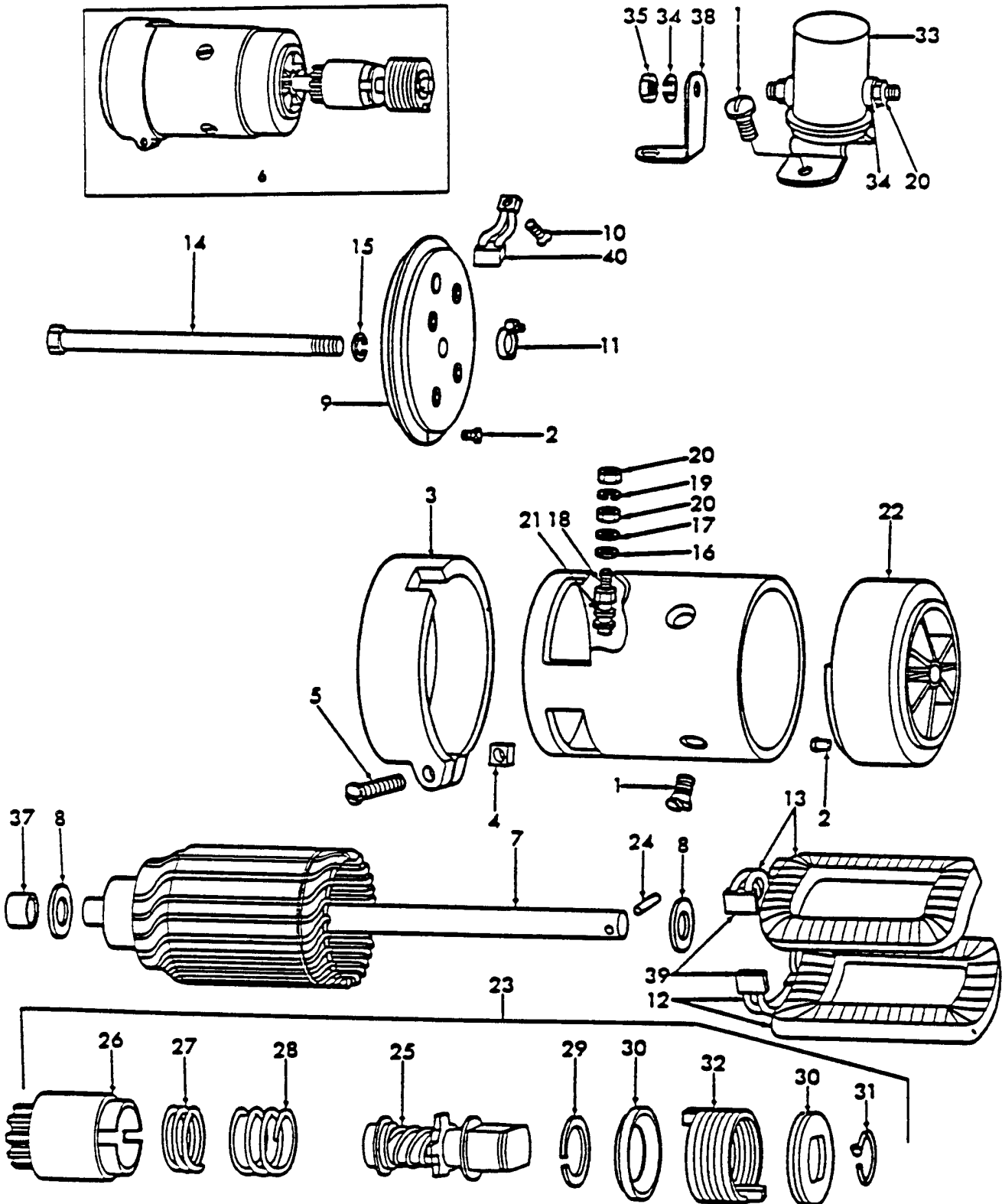
2N 9N 8N

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STARTER MOTOR & RELATED PARTS - 9N, 2N, 8N



STARTER MOTOR & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
28		5211369	BTW 01/39 & 12/52	1	Spring, Starter Drive, Anti-Drift
29		5211370	BTW 01/39 & 12/52	1	Ring, Starter Drive Pinion & Barrel Return
30		5211372B	BTW 01/39 & 12/52	2	Plate, Starter Drive Spring Anchor
31		5211373	BTW 01/39 & 12/52	1	Ring, Lock, Starter Spring
32		NLS	BTW 01/39 & 12/52	1	Spring, Starter Drive {5211375}
33		8N11450	BTW 01/48 & 12/52	1	Relay Assy., Starting Motor
34		PL		AR	Washer, Lock, #10
35		PL		AR	Nut, Hex, #10-32
36	1	355147S8	BTW 01/48 & 12/52	2	Screw, #10-32 x .31", Relay to Starter Frame, 8N
37		86620203	BTW 01/39 & 12/52	1	Bearing, Starter Brush End Plate
38		NLS	BTW 01/48 & 12/50	1	Bar, Starter Solenoid to Starter {8N11518}
39		1811057	BTW 01/39 & 12/52	1	Kit, Starter Brush, Includes: Ref. 39 & 40
39		NLS		2	Brush {1811055}
40		NLS		2	Brush {1811056}

(1) Not illustrated

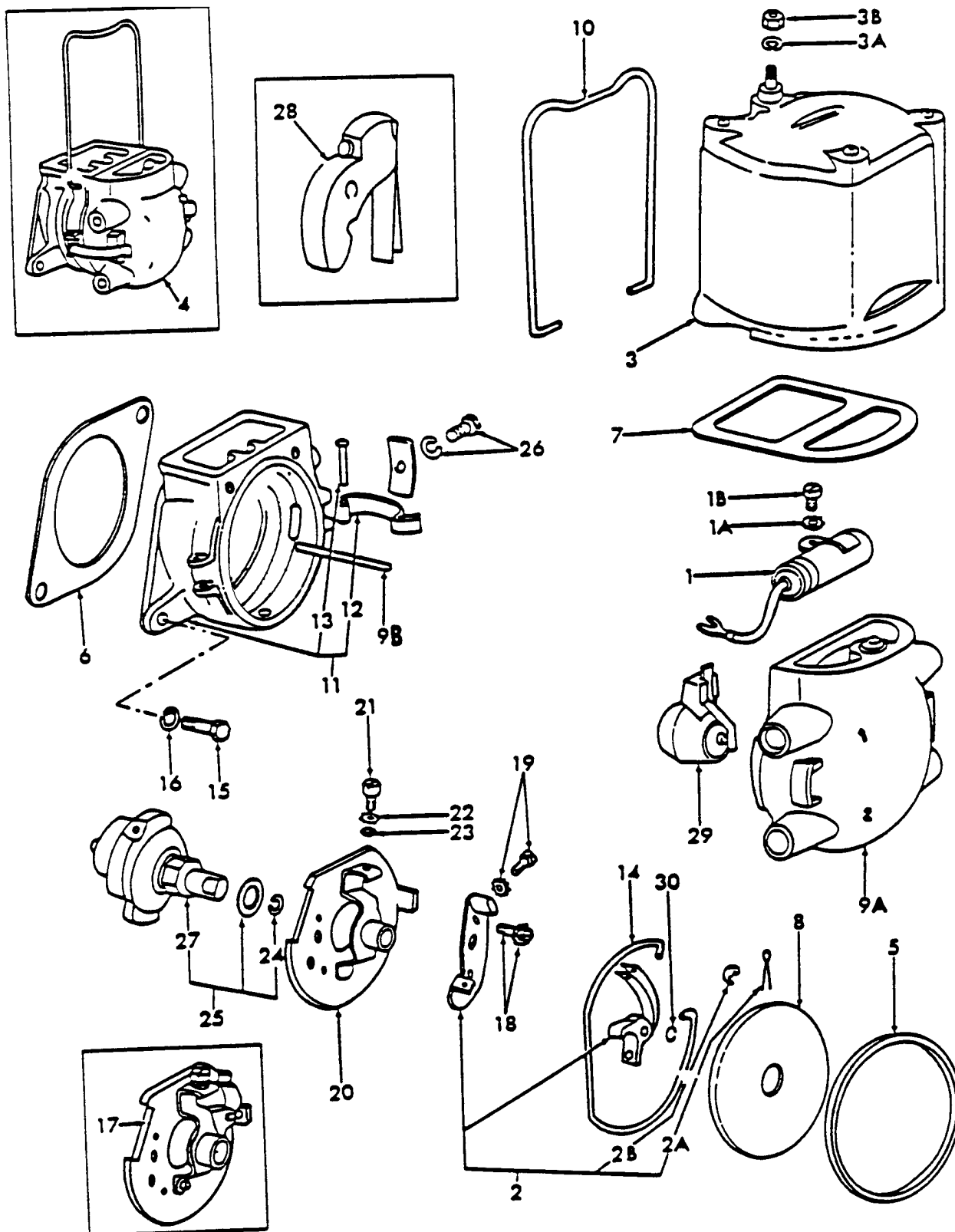
2N 9N 8N

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DISTRIBUTOR & COIL ASSEMBLY - 9N, 2N & 8N BSN 263844



DISTRIBUTOR & COIL ASSEMBLY - 9N, 2N & 8N BSN 263844

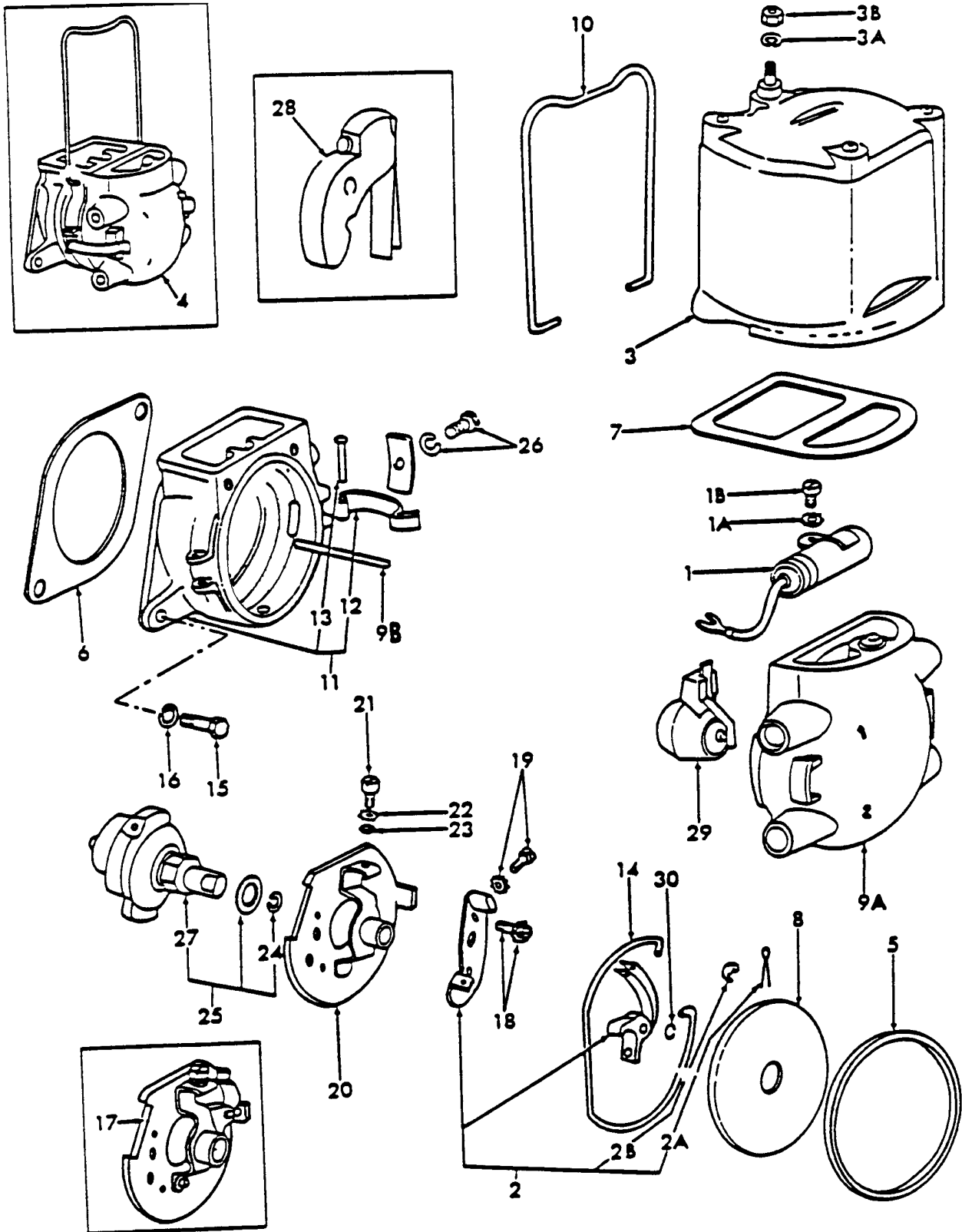
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		APN12000A	BTW 01/39 & 12/50	1	Kit, Point & Condenser, Includes: Ref. 1 Thru 2
1A		A0NN12300A	BTW 01/39 & 12/50	1	Condenser
1B		PL	BTW 01/39 & 12/50	1	Washer, Lock, #8
2		PL	BTW 01/39 & 12/50	1	Screw, #8-32 x 1/4"
2		9N12107	BTW 01/39 & 12/50	1	Kit, Distributor Point
2		87761981	BTW 01/39 & 12/50	1	Kit, Distributor Point, Ventilated
3		9N12024	BTW 01/39 & 12/50	1	Coil Assy., Ignition
3A		PL	BTW 01/39 & 12/50	1	Washer, Lock, #10
3B		PL	BTW 01/48 & 12/50	1	Nut, #10-32, 8N
3C	1	PL	BTW 01/48 & 12/50	1	Screw, Round Hd., #10-32 x 1/2", Coil to Strap
3D	1	PL	BTW 01/39 & 12/50	1	Washer, Lock, #8
3E	1	PL	BTW 01/39 & 12/47	1	Nut, #8-32, Primary Post, 9N,2N
4	2	9N12100	BTW 01/39 & 12/50	1	Distributor Assy.
5		9N12104	BTW 01/39 & 12/50	1	Kit, Distributor Gasket, Includes: Ref. 5 thru 8
5		91A12114	BTW 01/39 & 12/50	1	Gasket, Terminal Housing
6		9N12143	BTW 01/39 & 12/50	1	Gasket, Distributor Base
7		9N12140A	BTW 01/39 & 12/50	1	Gasket, Distributor Coil
8		9N12276B	BTW 01/39 & 12/50	1	Cover, Distributor Breaker, Use W/9N12106C
8		9N12276A	BTW 01/39 & 12/50	1	Cover, Distributor Breaker, Use W/9N12106B
9A		9N12106C	BTW 01/39 & 12/50	1	Housing Assy., Distributor Terminal
9B		NLS	BTW 01/39 & 12/50	1	Wick, Distributor Shaft {9N12133}
10		NLS	BTW 01/39 & 12/50	1	Bail, Distributor Coil {9N12137}
11	2	9N12139	BTW 01/39 & 12/50	1	Base Assy., Base & Clamp Assy., Includes: Ref. 12 & 13
12	2	9N12144	BTW 01/39 & 12/50	2	Clamp, Terminal Housing
13	2	B12145	BTW 01/39 & 12/50	2	Rivet, Terminal Clamp
14	2	91A12146	BTW 01/39 & 12/50	1	Spring, Base
14A	1	NLS	BTW 01/39 & 12/47	2	Cap, Vent, 9N, 2N {9N12147}
15		NLS	BTW 01/39 & 12/50	2	Screw. Distributor to Front Cover {4812148}
16		PL	BTW 01/39 & 12/50	2	Washer, Lock, 5/16"
17		9N12150	BTW 01/39 & 12/50	1	Breaker Assy., Distributor Base
18		57683S36	BTW 01/39 & 12/50	1	Screw, Pan Hd, W/Washer, G5, #8-32 x 1/4", Breaker to Plate
(1) Not illustrated					
(2) No Longer Serviced					
					2N 9N 8N

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DISTRIBUTOR & COIL ASSEMBLY - 9N, 2N & 8N BSN 263844



DISTRIBUTOR & COIL ASSEMBLY - 9N, 2N & 8N BSN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
19		355016S7	BTW 01/39 & 12/50	1	Screw & Lockwasher, #6-32 x .31"
20		9N12151	BTW 01/39 & 12/50	1	Plate Assy., Breaker
21	1	91A12159	BTW 01/39 & 12/50	1	Screw, Primary Contact
22		PL	BTW 01/39 & 12/50	1	Washer, Lock, External Tooth, #8
23		352456S8	BTW 01/39 & 12/50	1	Washer, Flat, .187" I.D.
24		9N12187	BTW 01/39 & 12/50	1	Cam & Weight Assy., Distributor Shaft, Includes: Ref. 25 & 26
25	1	91A12179	BTW 01/39 & 12/50	1	Washer, Retainer, Cam
26	1	91A12177	BTW 01/39 & 12/50	1	Retainer, Cam
27		NLS	BTW 01/39 & 12/50	1	Screw & Lockwasher {59A12182A}
28		9N12188	BTW 01/39 & 12/50	2	Weight Assy.
29		B2NN12200A	BTW 01/39 & 12/50	1	Rotor Assy.
30	1	91A12212	BTW 01/39 & 12/50	2	Retainer, Weight
31	2	309786	BTW 01/39 & 12/50	AR	Kit, Tune-Up, Gasoline, Includes parts numbered 31
31		APN12000A	BTW 01/39 & 12/50	1	Kit, Point & Condenser
31		91A12114	BTW 01/39 & 12/50	1	Gasket, Terminal Housing
31		9N12143	BTW 01/39 & 12/50	1	Gasket, Distributor Base
31		9N12140A	BTW 01/39 & 12/50	1	Gasket, Coil
31		9N12276B	BTW 01/39 & 12/50	1	Cover, Breaker
31		AL82	BTW 01/39 & 12/50	4	Plug, Spark, Replaces CONF12405A
31	1	309789	BTW 01/39 & 12/50	1	Gauge, for Setting Points
31	1	309790	BTW 01/39 & 12/50	1	Distributor, Cam Lubricant Capsules
31	1	309802	BTW 01/39 & 12/50	1	Cover
31		B2NN12200A	BTW 01/39 & 12/50	1	Rotor Assy.

(1) No Longer Serviced

(2) Not illustrated

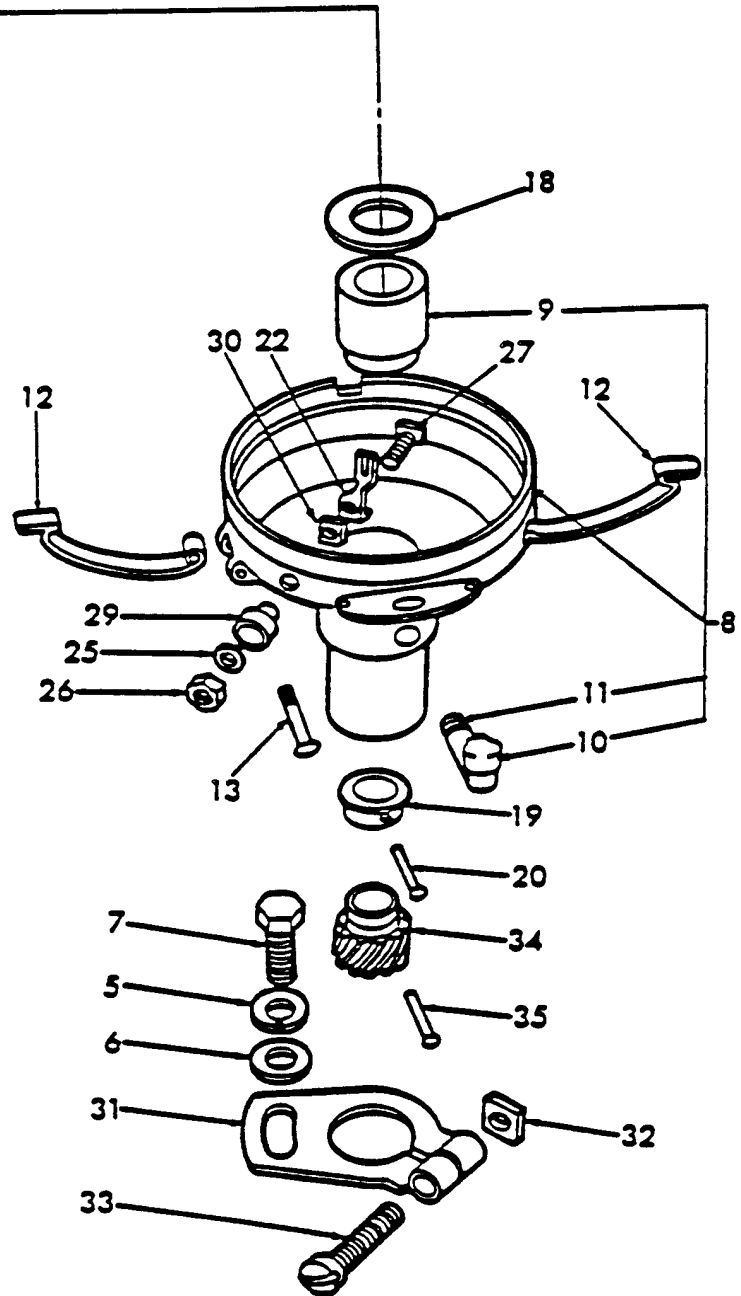
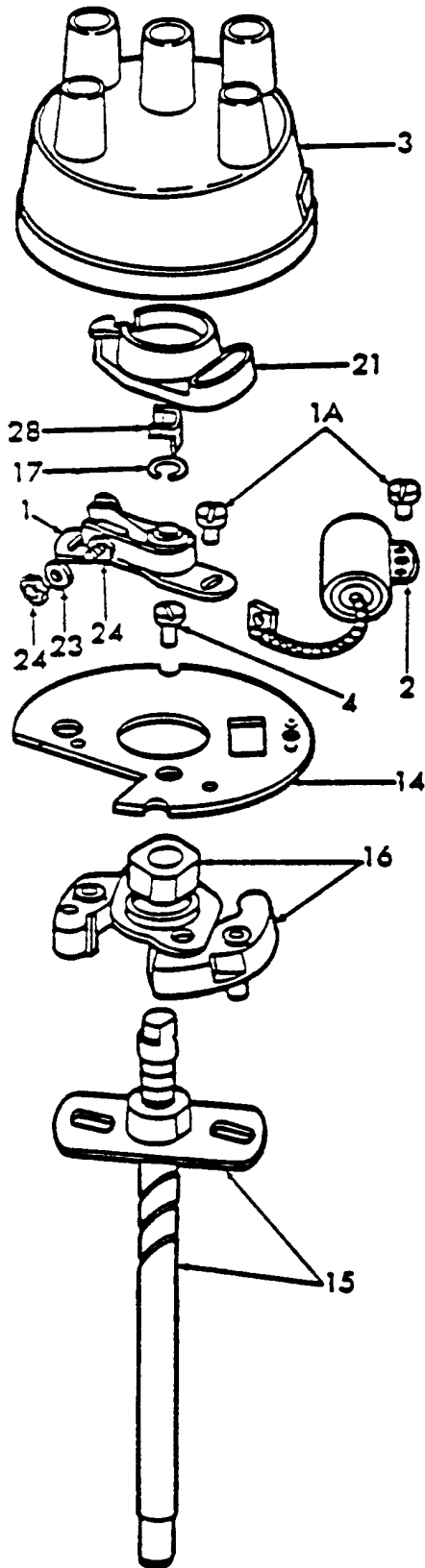
2N 9N 8N

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DISTRIBUTOR - 8N ON & ASN 263844



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DISTRIBUTOR - 8N ON & ASN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N12127B	BTW 01/50 & 12/52	2	Distributor Assy., L/Terminal Housing & Rotor
1		CPN12000A	BTW 01/50 & 12/52	1	Kit, Point & Condenser, Includes: Ref. 1 & 2
1		D8NN12171AA	BTW 01/50 & 12/52	1	Arm & Bracket
1A		57683S36	BTW 01/50 & 12/52	2	Screw, Pan Hd, W/Washer, G5, #8-32 x 1/4"
2		86500249	BTW 01/50 & 12/52	1	Condenser Assy.
3		NCA12106A	BTW 01/50 & 12/52	1	Housing Assy., Distributor Terminal
4		PL		AR	Screw & Lockwasher, Fillister Hd., #8-32 x .38"
5		PL	BTW 01/50 & 12/52	1	Washer, Lock, 5/16"
6		PL	BTW 01/50 & 12/52	1	Washer, Flat, 5/16"
7		PL	BTW 01/50 & 12/52	1	Bolt, 5/16"-18 x .62", Distributor to Front Cover
8		NLS	BTW 01/50 & 12/52	1	Base Assy., Distributor, Includes: Ref. 9 thru 11 {8N12130C}
9		8N12120	BTW 01/50 & 12/52	1	Bushing, Distributor Base
10		8EQ12135A	BTW 01/50 & 12/52	1	Oiler Assy., Distributor Base
11		4012141	BTW 01/50 & 12/52	1	Wick, Distributor Shaft
12		7RA12144	BTW 01/50 & 12/52	2	Clamp, Distributor Terminal Housing
13		B12145	BTW 01/50 & 12/52	2	Rivet, Distributor Terminal Clamp
14		FAD12152A	BTW 01/50 & 12/52	1	Plate Assy., Distributor Breaker
15	1	8N12175	BTW 01/50 & 12/52	1	Shaft Assy., Distributor
16		8N12176	BTW 01/50 & 12/52	1	Can & Weights
17		166978	BTW 01/50 & 12/52	1	Ring, Snap, Ext. .375"
18		B4A12179A	BTW 01/50 & 12/52	1	Washer, Thrust
19		7HA12195	BTW 01/50 & 12/52	1	Collar, Distributor Shaft
20		PL	BTW 01/50 & 12/52	1	Rivet, 1/8" x 13/16"
21		C0NN12200A	BTW 01/50 & 12/52	1	Rotor Assy.
22		8N12209	BTW 01/50 & 12/52	1	Conductor, Primary
23		PL	BTW 01/50 & 12/52	1	Washer, Lock, #6
24		PL	BTW 01/50 & 12/52	2	Nut, #6-12
25		PL	BTW 01/50 & 12/52	1	Washer, Flat, #10
26		PL	BTW 01/50 & 12/52	1	Nut, Hex, #10-32
27		PL	BTW 01/50 & 12/52	1	Screw, #10-32 x .84"
28		8N12213	BTW 01/50 & 12/52	1	Spring, Clip
29		7RA12233	BTW 01/50 & 12/52	1	Bushing
30		7RA12234	BTW 01/50 & 12/52	1	Insulator, Primary Terminal

(1) Dealer Has to Drill Hole in Shaft * No Longer Serviced

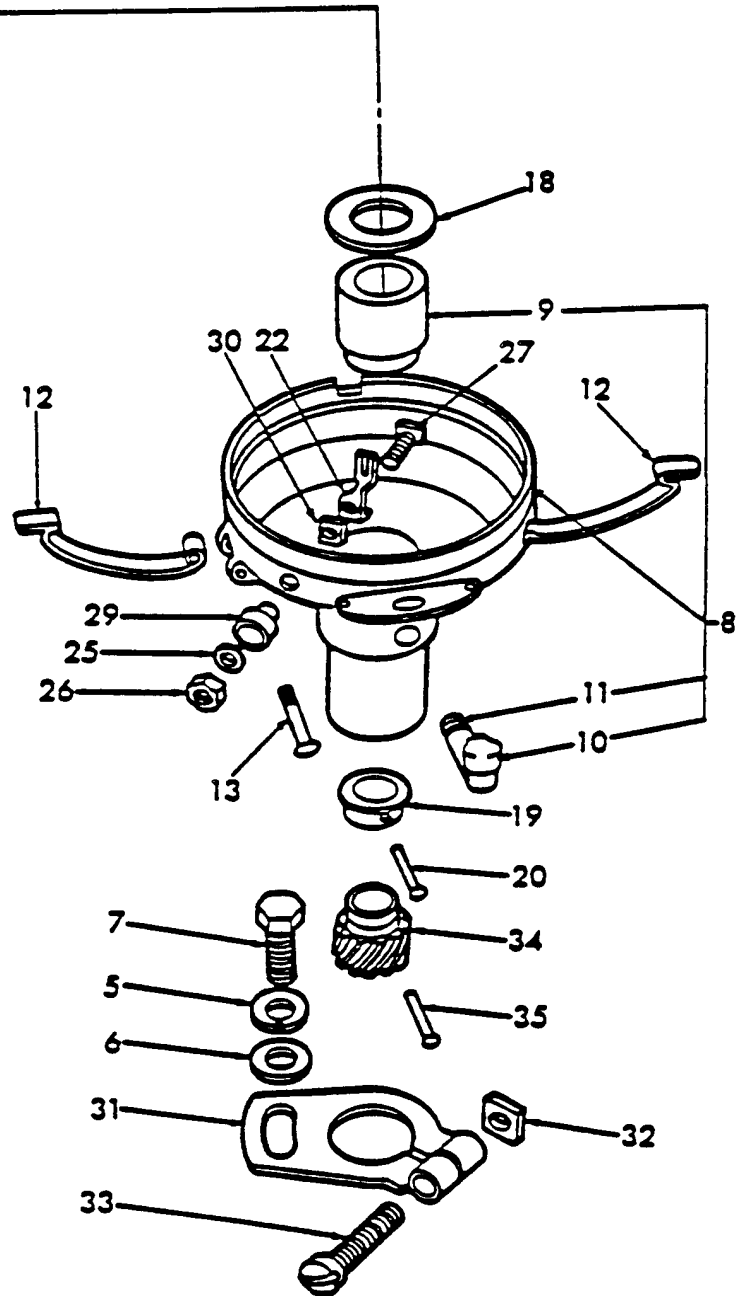
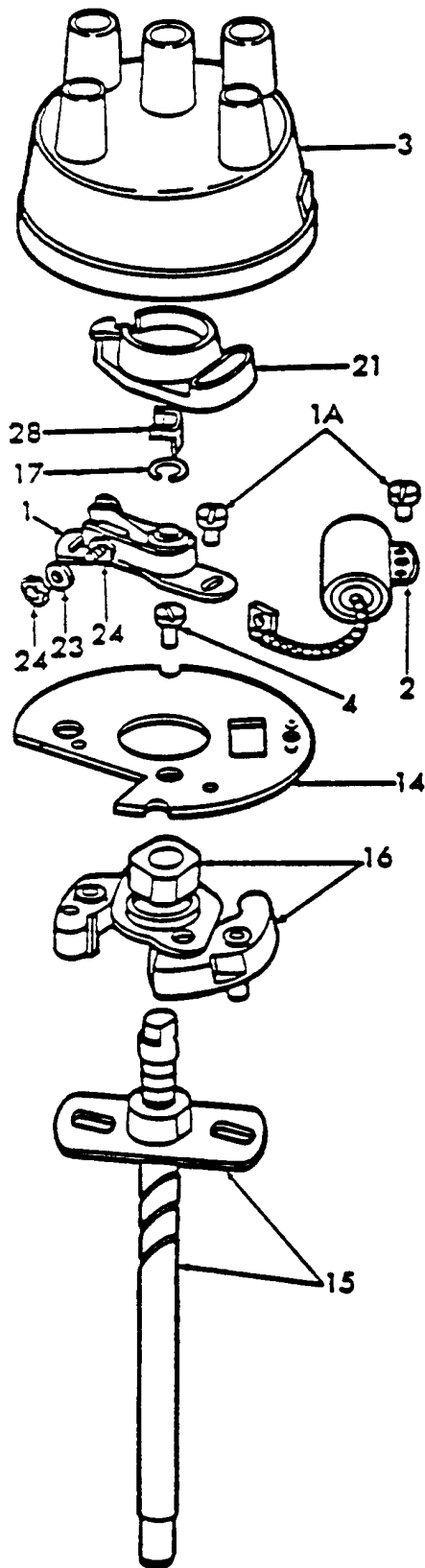
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DISTRIBUTOR - 8N ON & ASN 263844



DISTRIBUTOR - 8N ON & ASN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
31		7HA12273	BTW 01/50 & 12/52	1	Arm Assy., Distributor Timing
32		PL	BTW 01/50 & 12/52	1	Nut, Square, 1/4"-20
33		PL	BTW 01/50 & 12/52	1	Bolt, 1/4"-20 x 1-1/4"
34		7RA12390C	BTW 01/50 & 12/52	1	Gear, Distributor Driven
35		PL	BTW 01/50 & 12/52	1	Rivet, 1/8" x 11/16", Gear to Shaft
36	1	309787	BTW 01/50 & 12/52, ASN 263843	AR	Kit, Tune-Up, Gasoline, Includes parts numbered 36
36		CPN12000A	BTW 01/50 & 12/52	1	Kit, Point & Condenser
36		AL7C	BTW 01/50 & 12/52	4	Plug, Spark
36		C0NN12200A	BTW 01/50 & 12/52	1	Rotor Assy.
36		8N12213	BTW 01/50 & 12/52	1	Spring, Clip
36		309789	BTW 01/50 & 12/52	1	Gauge, for Setting Points
36		309790	BTW 01/50 & 12/52	1	Distributor, Cam Lubricant Capsules
37	1	8N12261A	BTW 01/50 & 12/52	AR	Kit, Dust Seal, Details Not Available
38	2, 1	8N12311A	BTW 01/50 & 12/52	AR	Kit, Dust Seal, Used W/3N12261A, Includes parts numbered 38
38		NLS	BTW 01/50 & 12/52	1	Plug {7HNN12138A}
38		NLS	BTW 01/50 & 12/52	1	Felt {8N12314A}
38		NLS	BTW 01/50 & 12/52	1	Clip {8N12325A}
38		NLS	BTW 01/50 & 12/52	1	Seal {8N12267B}
38		NLS	BTW 01/50 & 12/52	1	Wick {8N12324A}

(1) Not illustrated

(2) No Longer Serviced

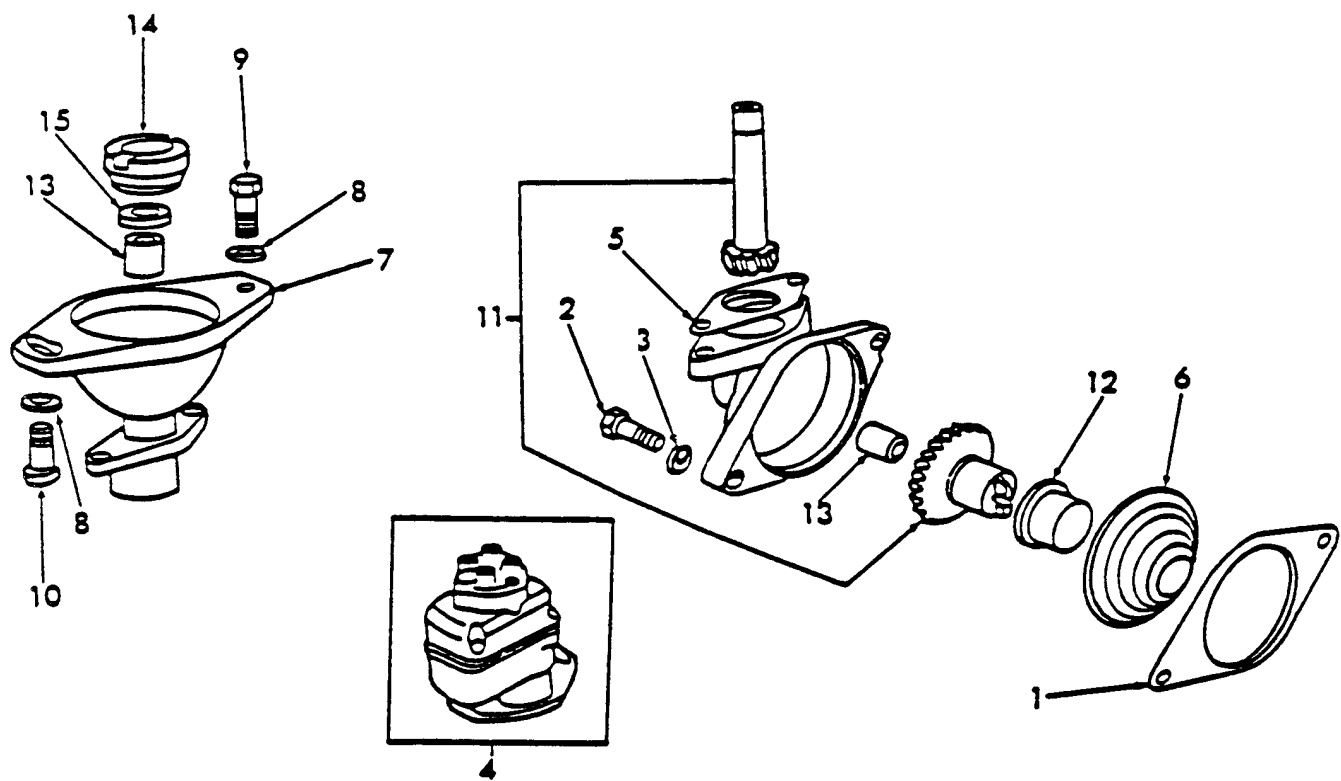
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03/04

MAGNETO & DRIVE ASSEMBLY - 2N



MAGNETO & DRIVE ASSEMBLY - 2N

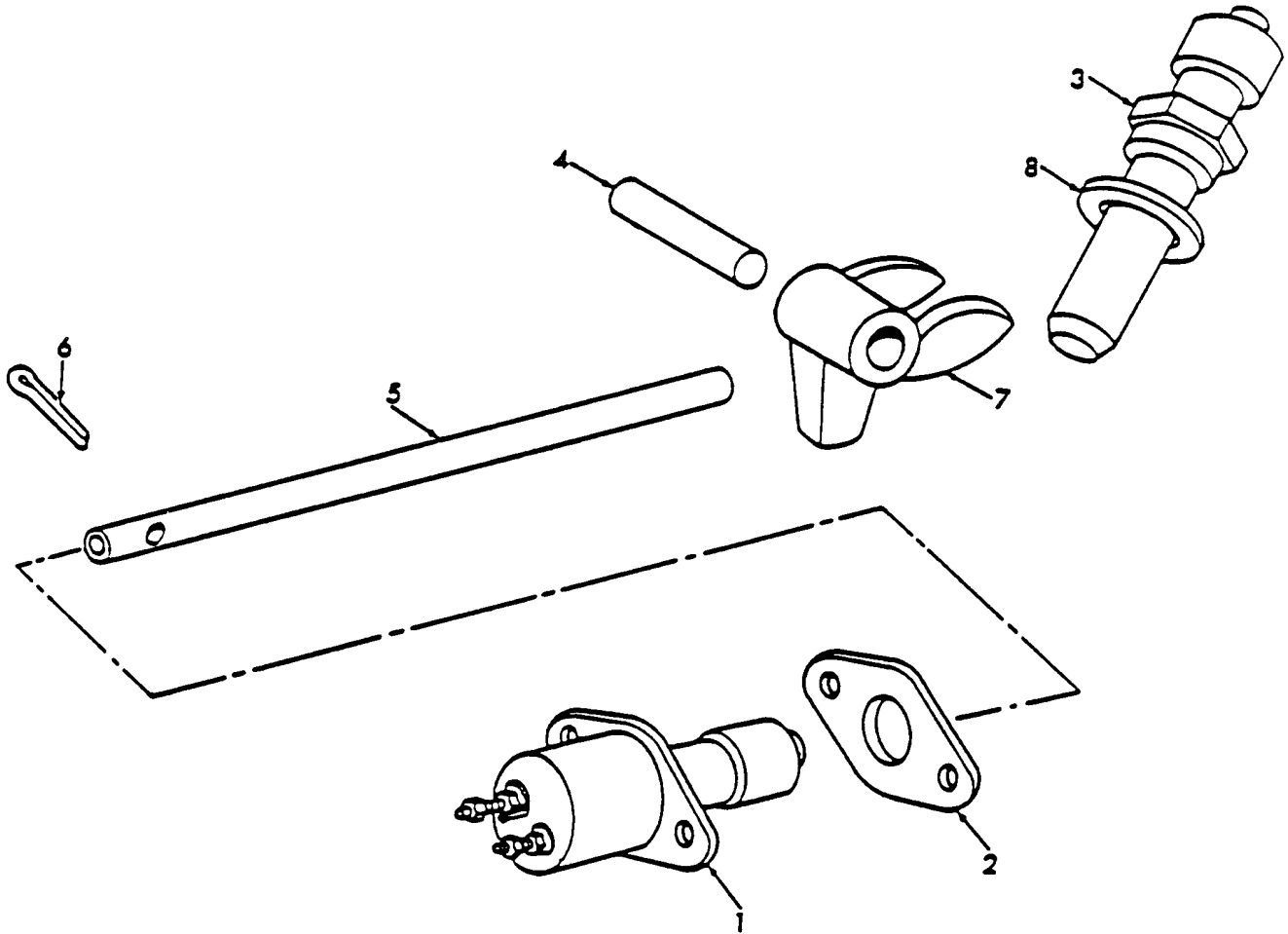
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9N12143	BTW 01/42 & 12/43	1	Gasket, Distributor Base, Used as Mag. Lower Housing Gasket
2		NLS	BTW 01/42 & 12/43	2	Screw, Distributor to Front Cover, Mag. Drive to Engine {4812148}
3		PL	BTW 01/42 & 12/43	2	Washer, Lock, 5/16"
4		NS	BTW 01/42 & 12/43	1	Magneto Assy.
5		NS	BTW 01/42 & 12/43	1	Gasket, Magneto Drive, Used W/2N12600
6		NLS	BTW 01/42 & 12/43	1	Plate Assy., Magneto Drive Adaptor, Use W/2N12500 {2N12597}
7		NS	BTW 01/42 & 12/43	1	Housing Assy., Magneto Drive, Upper, Use W/2N12500
8		PL		AR	Washer, Flat, 3/8"
9		PL	BTW 01/42 & 12/43	1	Bolt, HH, 3/8"-16 x 1"
10		PL	BTW 01/42 & 12/43	1	Bolt, 3/8"-16 x 1.25, Upper Housing to Magneto
11	1	APN12603	BTW 01/42 & 12/43	1	Gear, Magneto Drive, Matched Set, Used W/2N12500, Includes: (1) 2N12603B, Drive Gear; & (1) 2N2604B, Drive Gear
11		NLS		1	Gear, Drive {2N12603B}
11		NLS		1	Gear, Driven {2N12604B}
12		NLS	BTW 01/42 & 12/43	1	Bushing, Flange, Lower Magneto Drive, Use W/2N12500 {2N12605}
13		NS	BTW 01/42 & 12/43	2	Bushing, Magneto Drive Shaft, Upper & Lower
14		NLS	BTW 01/42 & 12/43	1	Coupling, Magneto Drive, Use W/2N12500 {2N12608}
15		NS	BTW 01/42 & 12/43	1	Wick, Magneto Drive, Oil Reservoir, Use W/2N12500
(1) No Longer Serviced					
					2N

11F01

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STARTER SWITCH & BUTTON - 2N, 9N ASN 12499



11F01

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STARTER SWITCH & BUTTON - 2N, 9N ASN 12499

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	NS	BTW 01/39 & 12/40	1	Switch Assy., Starter Push, BSN 12500, 9N
1	2	86531629	BTW 01/40 & 12/47	1	Switch Assy., Starter Push
2	3	9N11467	BTW 01/40 & 12/47	1	Gasket, Starter Switch, Used W/9N11450B
3		9N11506	BTW 01/40 & 12/47	1	Button Assy., Starter Switch
4		NS	BTW 01/40 & 12/47	1	Rod, Starter Push Lever
5	3	9N11512	BTW 01/40 & 12/47	1	Rod, Starter Push
6		PL	BTW 01/40 & 12/47	1	Pin, Cotter, 3/32" x 5/8", 9N,2N
7		NLS	BTW 01/40 & 12/47	1	Lever, Starter Push {2N11515}
8	3	B12410	BTW 01/40 & 12/47	1	Gasket, Starter Button to Housing

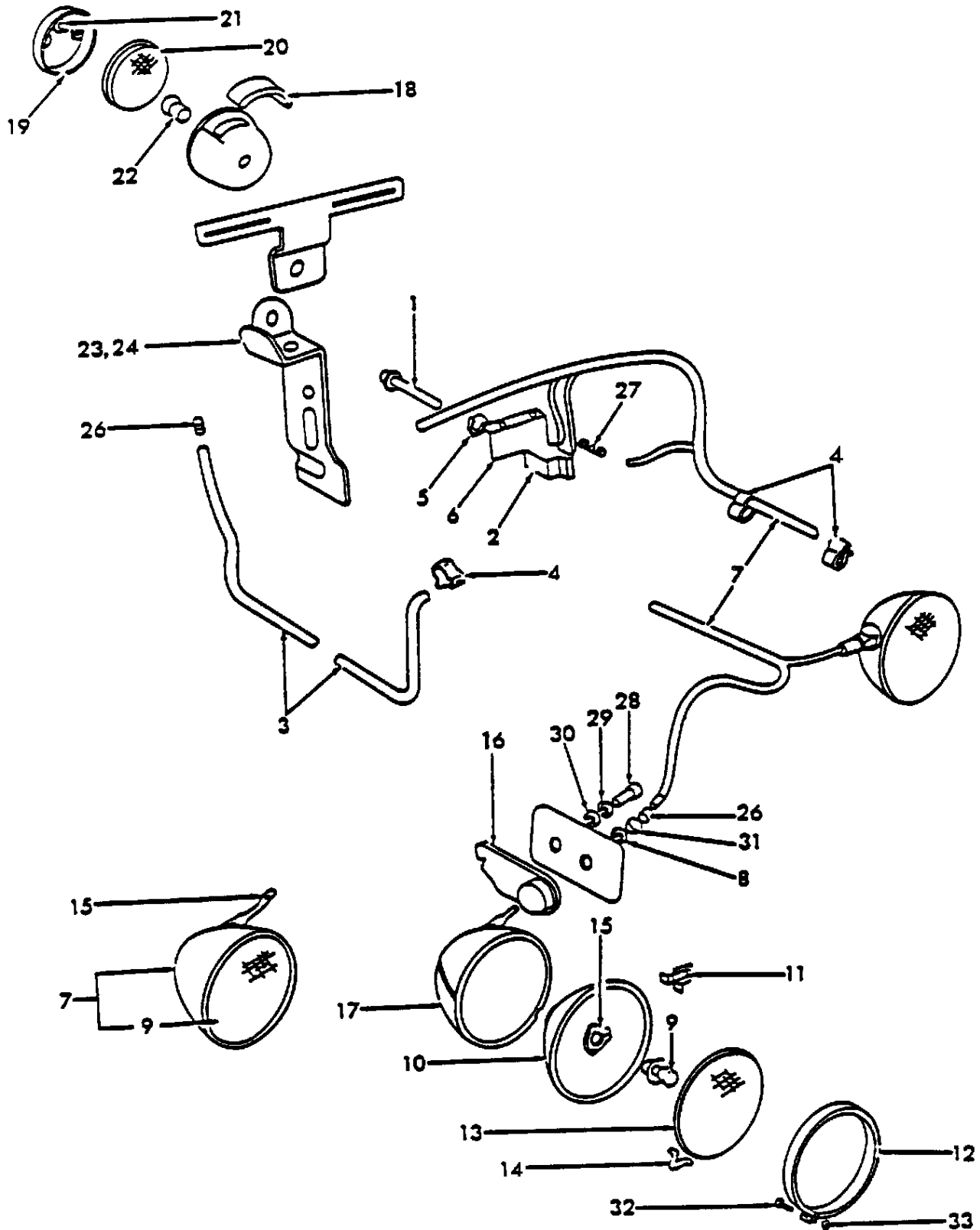
(1) Not Serviced

(2) Refer to Service Bulletin 96/11-T5

(3) No Longer Serviced

2N 9N

LIGHTING KIT & WIRING - 9N, 2N



LIGHTING KIT & WIRING - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		9828014	BTW 01/39 & 12/47	1	Knob, Light Switch, Used W/9N11652 & 11652B
2		9N11652B	BTW 01/39 & 12/47	1	Switch Assy., Light, Use W/9N11671, 9N, 2N
3		NS	BTW 01/39 & 12/47	1	Wiring Assy., Switch to Headlamp
5		351001S8	BTW 01/39 & 12/47	1	Nut, 3/8"-24, Bottom Instrument Panel
4		358297S32	BTW 01/39 & 12/47	AR	Clip, Wiring
6	1	NS	BTW 01/39 & 12/47	1	Bracket, Switch
7		310066	BTW 01/39 & 12/47	2	Headlamp Assy., 6Volt
8		PL	BTW 01/39 & 12/47	2	Washer, Lock, 1/2"
9		310061	BTW 01/39 & 12/47	2	Bulb, Headlamp
10	1	NS	BTW 01/39 & 12/47	2	Reflector, Headlamp
11		NLS	BTW 01/39 & 12/47	2	Spring, Reflector Retain {9N13031}
12	2	9N13045	BTW 01/39 & 12/47	2	Door Assy., Headlamp
13		NLS	BTW 01/39 & 12/47	2	Lens, Headlamp {9N13060}
14		PL	BTW 01/39 & 12/47	2	Spring, Lens Retaining
15	2	9N13075	BTW 01/39 & 12/47	2	Socket & Wire Assy.
16		FAA13102A	BTW 01/39 & 12/47	1	Reinforcement, Bracket
17	2	2N13174	BTW 01/39 & 12/47	2	Wire Assy., Ground
18	2	9N13445	BTW 01/39 & 12/47	1	Lens, Rear Lamp, White
19		NLS	BTW 01/39 & 12/47	1	Door, Rear Lamp {FDV13448A}
20		FDV13450A	BTW 01/39 & 12/47	1	Lens, Rear Lamp
21		PL	BTW 01/39 & 12/47	1	Screw, Oval Hd., #8-32 x .62
22		B13466	BTW 01/39 & 12/47	1	Bulb, Rear Lamp
23		NLS	BTW 01/39 & 12/47	1	Bracket, Imp. Lamp, RH {9N13470B}
24		NLS	BTW 01/39 & 12/47	1	Bracket, Imp. Lamp, LH {9N13471B}
25	3	E0NN13A097AA	BTW 01/39 & 12/47	2	Bracket, Headlamp, Round
26		FDT14487B	BTW 01/39 & 12/47	AR	Connector & Sleeve
27		86516012	BTW 01/39 & 12/47	1	Fuse, Light
28		PL	BTW 01/39 & 12/47	2	Bolt, Hex, 5/16"-24 x 1/2"
29		PL	BTW 01/39 & 12/47	2	Washer, Lock, 5/16"
30		PL	BTW 01/39 & 12/47	2	Washer, Flat, 5/16"
31		PL	BTW 01/39 & 12/47	2	Nut, Hex, 1/2"-20
32		PL	BTW 01/39 & 12/47	2	Screw, Fillister Hd., #8-32 x 3/4"

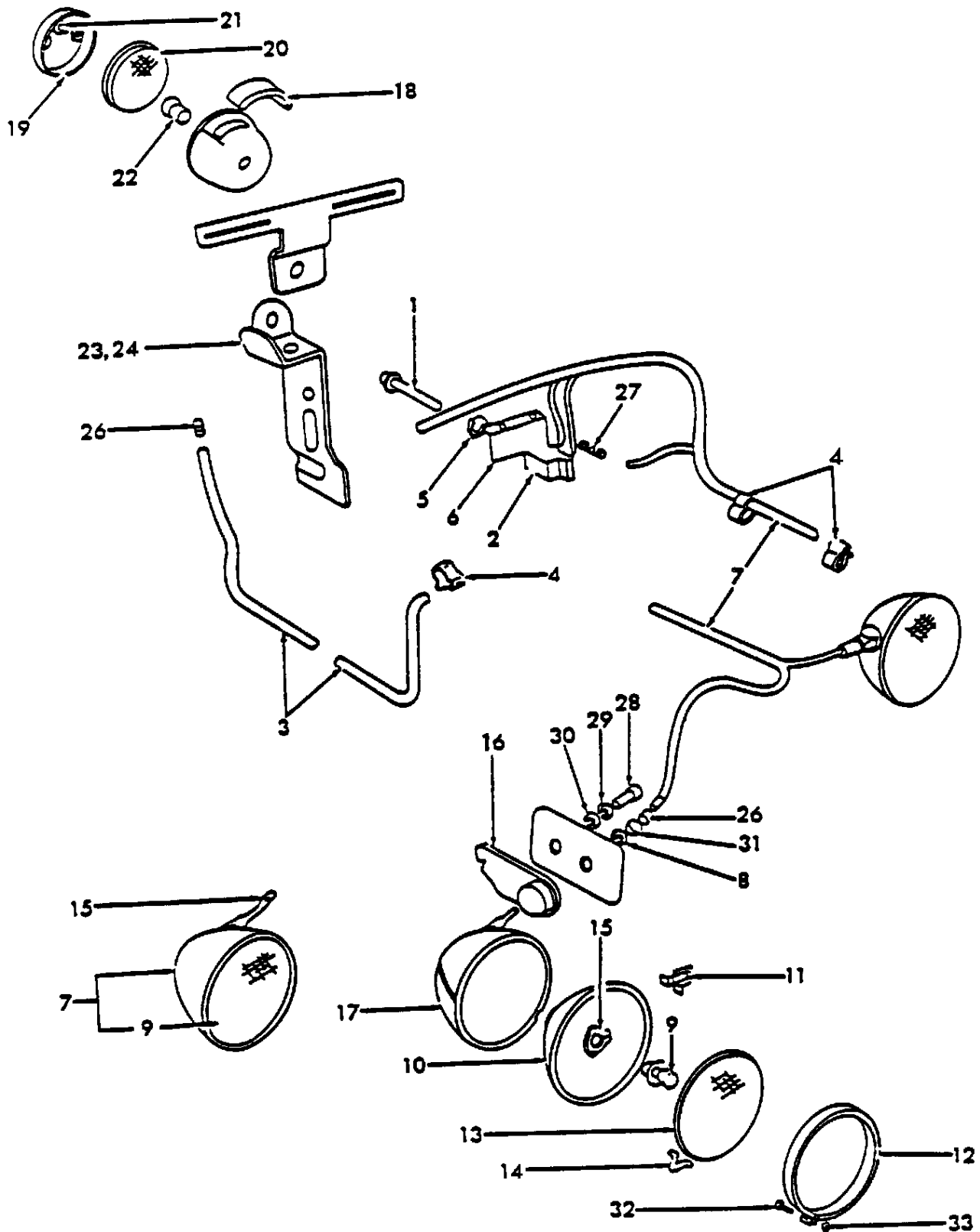
(1) Not Serviced

(2) No Longer Serviced

(3) Not illustrated

2N 9N

LIGHTING KIT & WIRING - 9N, 2N



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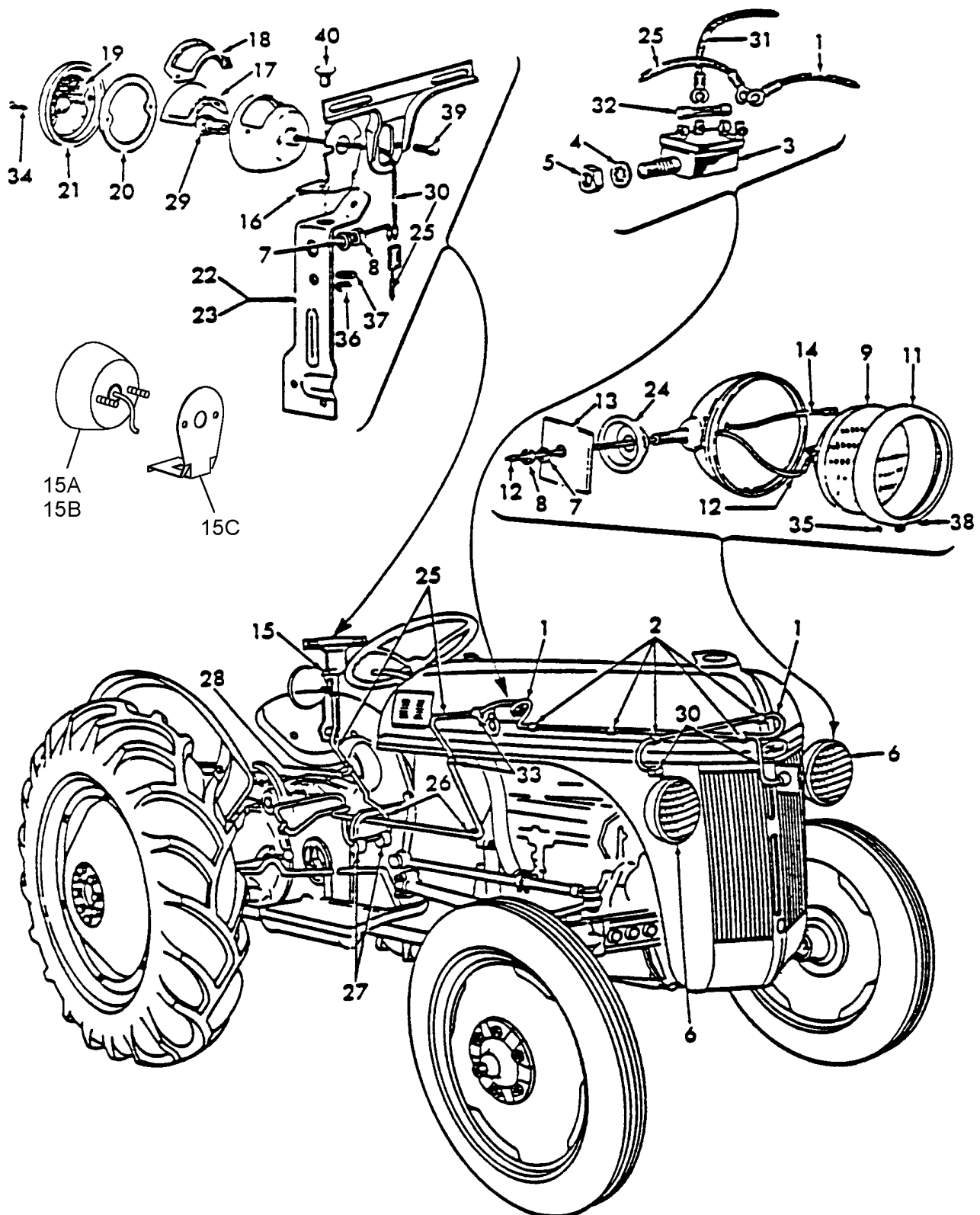
LIGHTING KIT & WIRING - 9N, 2N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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33	PL	BTW 01/39 & 12/47	2	Nut, Square, #8-32
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2N 9N

LIGHTING KIT & WIRING - 8N



LIGHTING KIT & WIRING - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	9828014	BTW 01/48 & 12/52	1	Knob, Light Switch
1		8N11653A	BTW 01/48 & 12/49	1	Wiring Assy., Switch to Headlamps
1		8N11653B	BTW 01/49 & 12/52	1	Wiring Assy., Switch to Headlamps
2		NLS	BTW 01/48 & 12/52	7	Clip, Wiring {358297S2}
3		8N11654B	BTW 01/48 & 12/52	1	Switch, Lighting
4		PL	BTW 01/48 & 12/52	1	Washer, Lock, 3/8"
5		351001S8	BTW 01/48 & 12/52	1	Nut, 3/8"-24, Instrument Panel
6		310066F	BTW 01/48 & 12/52	2	Headlamp Assy.
7		PL	BTW 01/48 & 12/52	2	Washer, Lock, 1/2"
8		PL	BTW 01/48 & 12/52	2	Nut, 1/2"-20, Headlamp to Hood
9		310061	BTW 01/48 & 12/52	2	Bulb
10	2	354307S2	BTW 01/48 & 12/52	2	Clip, Wire
11		2N13043	BTW 01/48 & 12/52	2	Door Assy., Headlamp, Use W/2N130056C & NCA13005A
11		C0NN13045B		1	Door Assy., Headlamp, Use W/310066 & 310067
12		D2NN13A006A	BTW 01/48 & 12/52	2	Socket & Wire Assy.
13		FAA13102A	BTW 01/48 & 12/52	2	Reinforcement, Headlamp
14	1	2N13174	BTW 01/48 & 12/52	2	Wire Assy., Ground
15		NCA13402A	BTW 01/48 & 12/52	1	Lamp & Bracket Assy., Rear
15A		86639463	BTW 01/48 & 12/52	1	Lamp Assy., Includes: Ref. 15B
15B		86639464	BTW 01/48 & 12/52	1	Bulb, #1680
15C	3	86633395	BTW 01/48 & 12/52	1	Bracket
16	1	8N13423	BTW 01/48 & 12/52	1	Bracket, Rear Lamp
17	1	4013445	BTW 01/48 & 12/52	1	Lens, Rear Lamp, White
18		NS	BTW 01/48 & 12/52	1	Gasket, Rear Lamp, White Lens
19		FDV13450A	BTW 01/48 & 12/52	1	Lens, Rear Lamp, Red
19A	2	FAD13461A	BTW 01/48 & 12/52	1	Gasket, Rear Lens, Red
20	1	4013460	BTW 01/48 & 12/52	1	Gasket, Rear, Use W/FDV13448A
21		NLS	BTW 01/48 & 12/52	1	Door, Rear Lamp {FDV13448A}
22		NLS	BTW 01/48 & 12/52	1	Bracket, Impl. Lamp, RH {9N13470B}
23	1	NLS	BTW 01/48 & 12/52	1	Bracket, Impl. Lamp, LH {9N13471B}
24		E0NN13A097AA	BTW 01/48 & 12/52	2	Bracket, Headlamp, Round

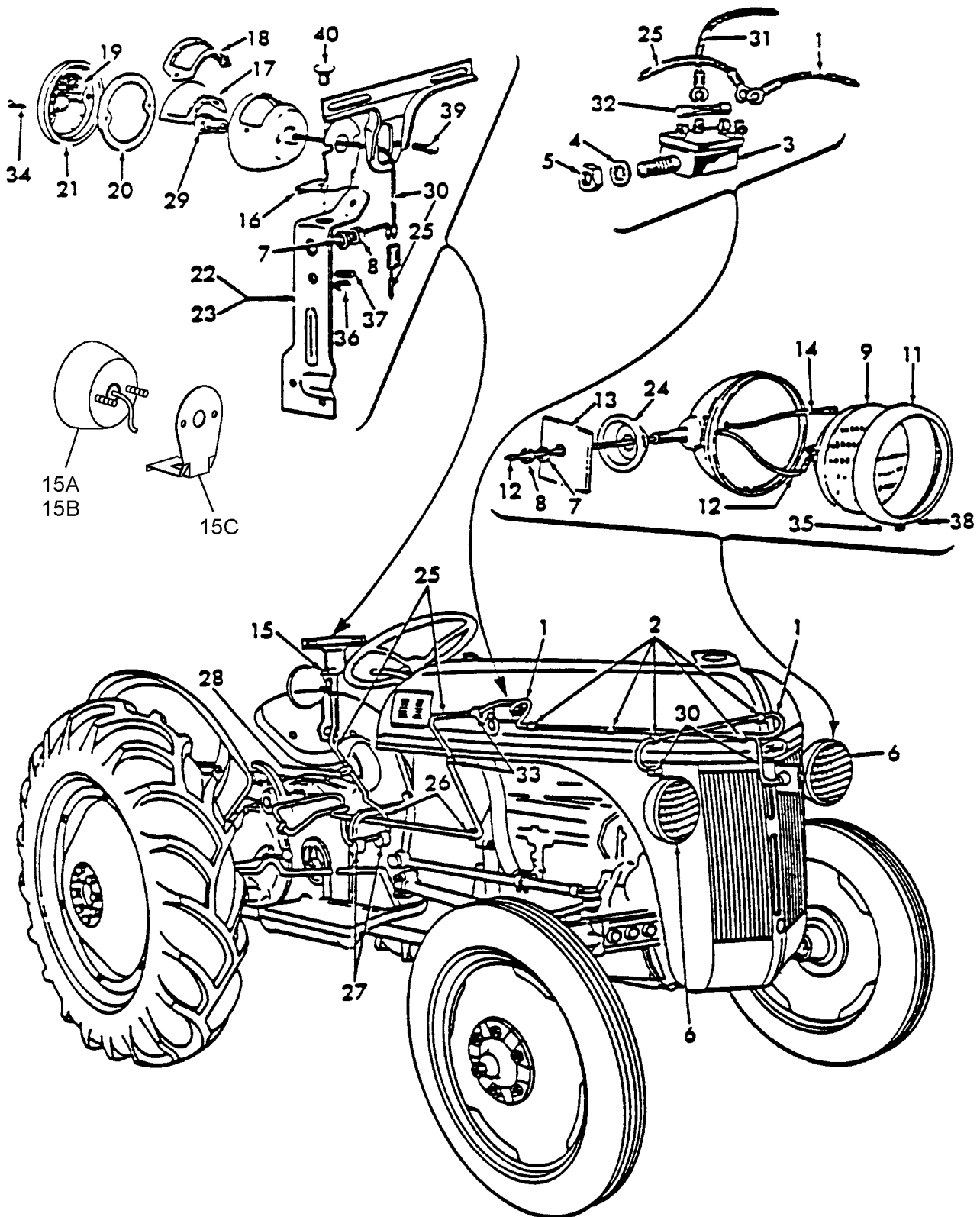
(1) No Longer Serviced

(2) Not illustrated

(3) Use W/86639463 Lamp Assy.

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LIGHTING KIT & WIRING - 8N



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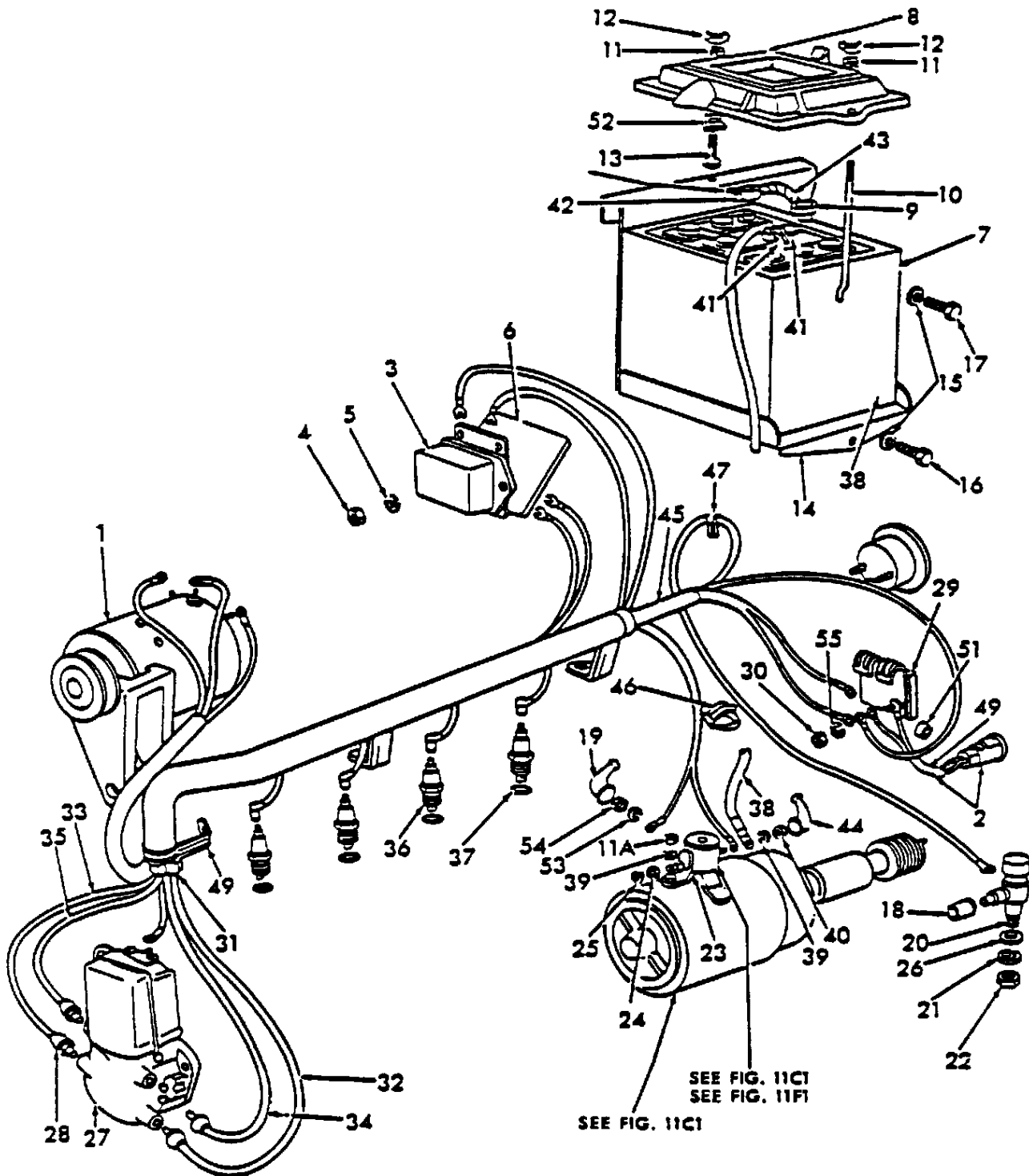
LIGHTING KIT & WIRING - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
25		8N14405	BTW 01/48 & 12/52	1	Wiring Assy., Switch to Rear Lamp
26	1	9N17668	BTW 01/48 & 12/52	AR	Clip, Wiring
27	1	8N14565	BTW 01/48 & 12/52	2	Clip, Rear Lamp
28	1	B14565	BTW 01/48 & 12/52	1	Clip, Wire to Fender
29		B13466	BTW 01/48 & 12/52	1	Bulb, Rear Lamp, 6 Volt
30		NLS	BTW 01/48 & 12/52	AR	Connector & Sleeve Assy., Wiring {B14487}
31		NS	BTW 01/48 & 12/52	1	Wiring Assy., Light Switch, 11"
31		NS	BTW 01/48 & 12/52	1	Wiring Assy., Light Switch, 5"
32		86516012	BTW 01/48 & 12/52	1	Fuse, Light Circuit
33	1	8L18954	BTW 01/48 & 12/52	2	Clamp, Right Rear, Lamp Wiring
34		PL	BTW 01/48 & 12/52	2	Screw, Oval Hd., #8-32 x 5/8"
35		PL	BTW 01/48 & 12/52	2	Nut, Square, #8-32
36		PL	BTW 01/48 & 12/52	1	Nut, Hex, 7/16"-20
37		PL	BTW 01/48 & 12/52	1	Washer, Lock, 7/16"
38		PL	BTW 01/48 & 12/52	2	Screw, Fillister Hd., #8-32 x 3/4"
39		PL	BTW 01/48 & 12/52	1	Screw & Washer, Hex, 1/4"-28 x 1-1/2"
40		PL	BTW 01/48 & 12/52	AR	Bolt, Carriage, 7/16"-20

(1) No Longer Serviced

8N

ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844



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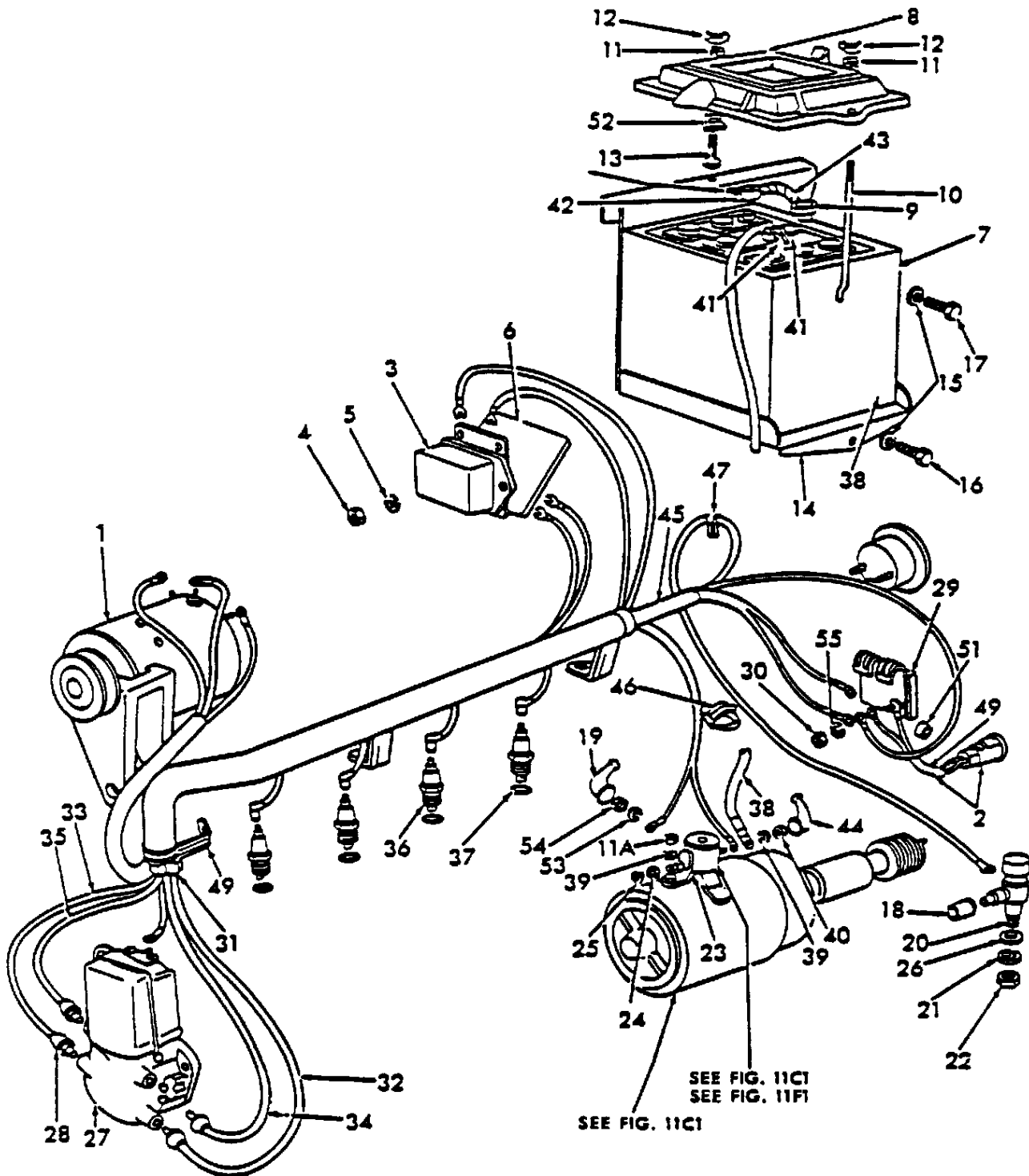
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ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N10000BLPR		1	Generator Assy., W/Bracket, L/Pulley
1A	1	8N10500		1	Kit, Generator Regulator Adaptor, 8N
2		8N3679C		1	Lock & Wire Assy., Ignition, W/2 Keys
2A	2, 1	356095S2		1	Nut, Hex, 13/16"-20, Lock to Spring Gear Housing
2B	1	9N3685B		AR	Key, Ignition, Universal Series 1053
3		8N10505C		1	Regulator Assy., General Voltage, 8N, See Service Bulletin 12/79-4T (Not Included in PAL)
3A	1	B0NN10505A		1	Cut-Out Assy., 9N, 2N
3B	1	PL		2	Bolt, HH, 5/16"-18 x .75", Cut-Out to Battery Support to Straight Housing
3C	1	NS		1	Insulator, Cut-Out Terminal, 9N, 2N
3D	1	NS		1	Plate, Cut-out Terminal, 9N, 2N
4		PL		AR	Nut, Tee, 1/4"-20
4		PL		3	Nut, Hex, 1/4"-20, Bracket to Voltage Regulator, 9N, 2N
5		PL		AR	Washer, Lock, 1/4"
5A	1	PL		3	Screw, 1/4"-20 x .75", 8N Regulator to Regulator Mounting Bracket
6	2	2N10599		1	Bracket, Regulator Mounting, Use W/8N10000BLPR, 9N, 2N
7		F220DS		1	Battery, Dry Charge, 6V, 80 Amp, 9N, 2N, 8N, U.S.
7		F200DS		1	Battery, Dry Charge, 6V, 53 Amp, 9N, 2N, 8N, U.S.
7		9613418DS		1	Battery, Dry Charge, 6V, 9N, 2N, 8N, Canada
8		NCA10718A		1	Clamp, Battery, 8N
9		D6NN10720A		3	Plug, Battery Filler
	2	2N10721		2	Clamp, Battery Hold-Down, 9N, 2N
		NLS		1	Insulator, Battery Strap, 9N {01A10726}
10	3	NS		1	Bar, Battery Clamp Hold-Down, RH, Used W/9N10748, 9N
10		2N10728		2	Bar, Battery Clamp Hold-Down, 9N, 2N
10		8N10728		1	Bar, Battery Clamp Hold-Down, RH, 8N
(1)	Not illustrated				
(2)	No Longer Serviced				
(3)	Not Serviced				

2N 9N 8N

ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844



ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844

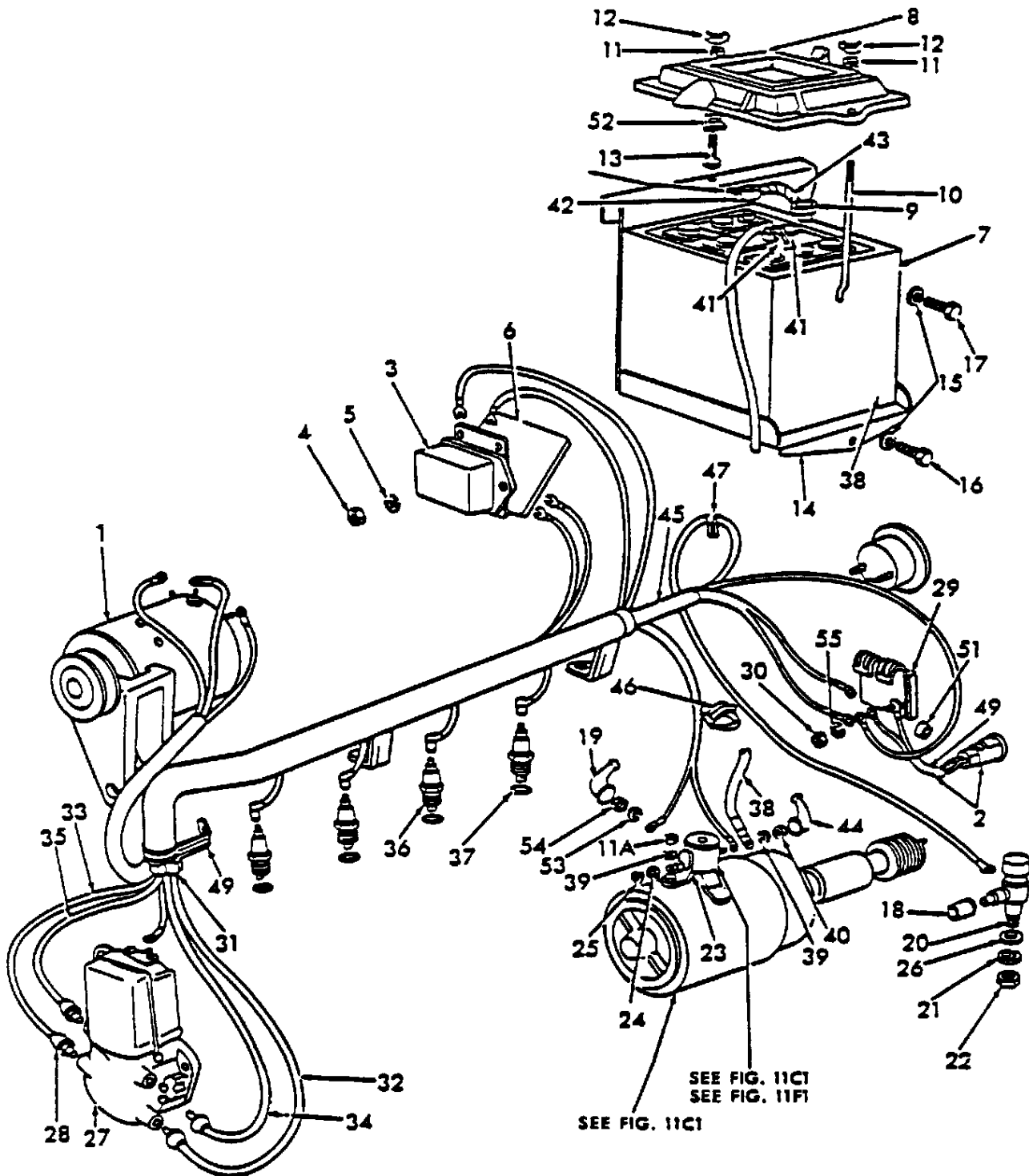
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
10		NS		1	Bar, Battery Clamp Hold-Down, LH, Use W/9N10728C, 9N
11		PL		AR	Washer, Lock, 5/16"
11A		PL		AR	Nut, Hex, 5/16"-24
12		350990S8		2	Nut, 5/16"-24, Hold-Down Bar to Battery Cover Breaker Plate to Distributor Base
13	1	352924S8		1	Bolt, 5/16"-24 x 1-5/8", Used As LH Hold-Down
14	1	8N10732		1	Support Assy., Battery, 8N
14	1	2N10734		1	Support Assy., Battery, 2N
15		PL		AR	Washer, Lock, 7/16"
16		PL		2	Bolt, HH, 7/16"-14 x 1.25", Battery Support to Transmission to Cylinder Block, 8N
17		PL		2	Bolt, HH, 7/16"-14 x 1", Battery Support to Instrument Panel Support to Lower Straight Gear Housing, 8N
17A	1, 2	NLS		2	Bolt, Carriage, 5/16"-24 x .62", Support to Tool Box, 2N
17B	2	NS		1	Plate, Battery Cover, 9N, 2N
18		8N11113		1	Cover, Starter Switch Terminal, 8N
19		8N11115		1	Cover, Starter Control Wire Terminal, 8N
20		8N11500		1	Switch Assy., Starter Push, 8N
21	1	351217S		AR	Washer, Lock, External Tooth, 3/4"
22		PL		1	Nut, Hex, 3/4"-16, Switch to Transmission Cover, 8N W/Battery Support 8N10732, NAA10732-B & -C (8N)
22A	2	PL		1	Screw & Washer, #8-32 x .25, Wire to Switch, 8N
23		NLS		1	Bar, Starter Solenoid to Starter Bus, Optional W/B, 8N {8N11518A}
23		NLS		1	Bar, Starter Solenoid to Starter Bus, Optional W/A, 8N {8N11518B}
24		PL		AR	Washer, Lock, 5/16"
25		PL		1	Nut, 5/16", Bar to Relay, 8N
26		8N11529		1	Gasket, Starter Switch, 8N
26A	2	PL		AR	Washer, Lock, #10
26B	2	PL		AR	Nut, #10-32, Primary Post

(1) No Longer Serviced

(2) Not illustrated

2N 9N 8N

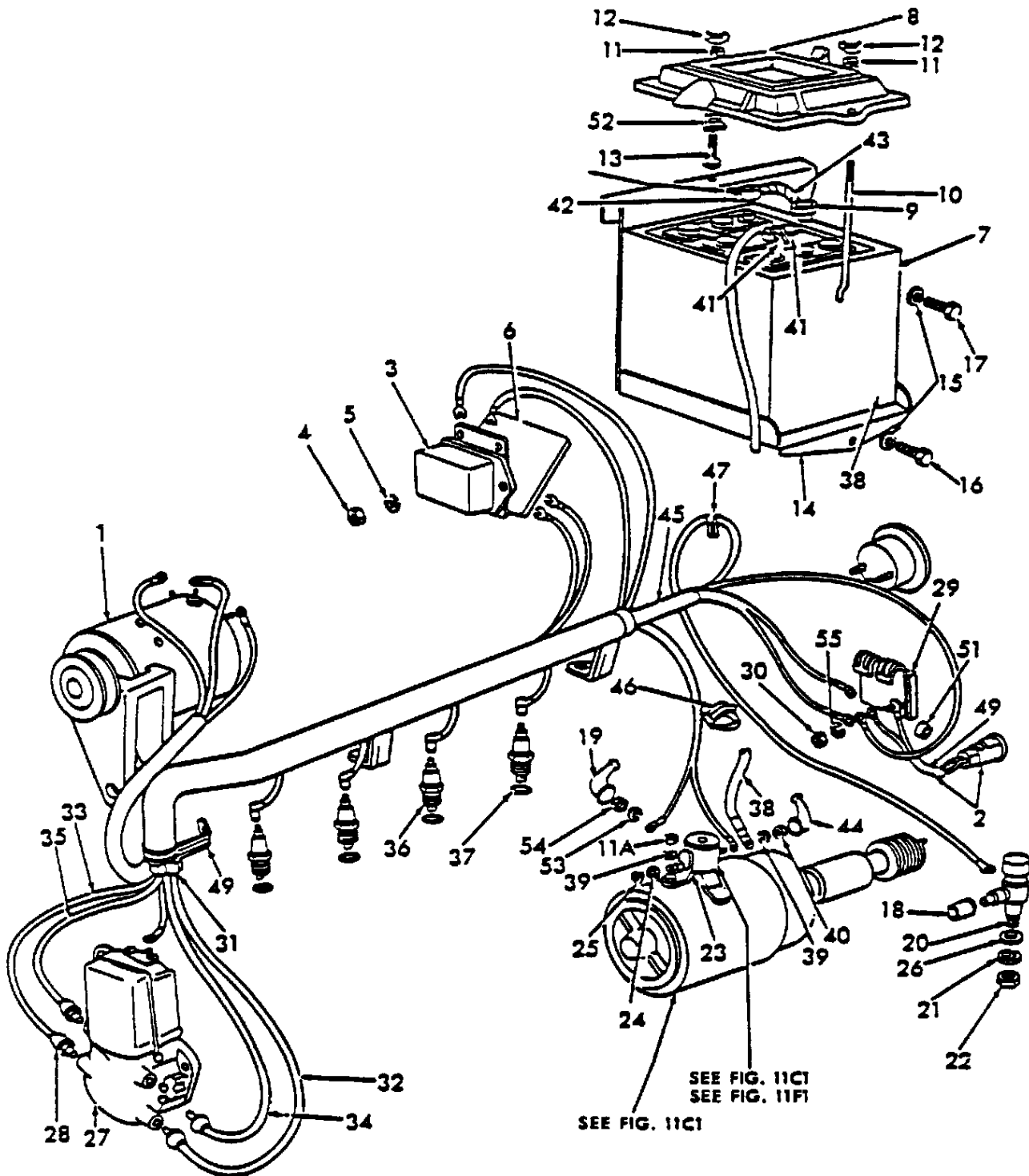
ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844



ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
26C	1	9N12024	BTW 01/39 & 12/50	1	Coil Assy., Ignition Washer, Lock, #8
26D	1	PL		AR	Nut, #10-32
26E	1	NLS	BTW 01/39 & 12/47	1	Nut, #8-32, Primary Post, 9N, 2N {30830S8}
26F	1	PL	BTW 01/48 & 12/50	1	Screw, Round Hd., #10-32 x .50", Coil to Strap, 8N
27	2	9N12100	BTW 01/39 & 12/50	1	Distributor Assy.
28		FDS12113A	BTW 01/39 & 12/50	4	Insulator, Distributor Spark Plug Wire
29		A8NN12250B	BTW 01/39 & 12/47	1	Resistor Assy., Ignition Coil, 9N,2N
29		A8NN12250A	BTW 01/48 & 12/50	1	Resistor Assy., Ignition Coil, Use W/9N12024
29		A8NN12250A	BTW 01/48 & 12/50	1	Resistor Assy., Ignition Coil,
30		PL	BTW 01/39 & 12/50	6	Nut, #8-32, Resistor Terminal
30A		9N12259A	BTW 01/39 & 12/47	1	Kit, Spark Plug Wire, 9N,2N, Includes parts 30B Thru 30F
30B		FDS12113A		4	Insulator
30C	3	9N12284		1	Wire, #2
30D	3	9N12287A		1	Wire, #1
30E	3	9N12283		1	Wire, #3
30F	3	9N12286		1	Wire, #4
30G		9N12259B		AR	Kit, Spark Plug Wire, Use 9N12259A, Includes parts 30H Thru 30L
30H		FDS12113A		4	Insulator
30I		9N12284		1	Wire, #2
30J		9N12287B		1	Wire, #1
30K	3	9N12283		1	Wire, #3
30L	3	9N12286		1	Wire, #4
31		PL	BTW 01/39 & 12/50	2	Insulator, Spark Plug Wire, Cond. End, Use W/9N14564
32		9N12283	BTW 01/39 & 12/50	1	Wire Assy., Distributor to Spark Plug, #3, 27-1/2"
32		9N12283	BTW 01/39 & 12/47	1	Wire Assy., Distributor to Spark Plug #3, 21-3/4", 9N, 2N
33		NS	BTW 01/39 & 12/50	1	Wire Assy., Distributor to Spark Plug #2, 24-1/2"
33	2	NLS	BTW 01/39 & 12/47	1	Wire Assy., Distributor to Spark Plug #2, 17-1/2", 9N, 2N {2N12284}
(1) Not illustrated (2) No Longer Serviced (3) Not Serviced Separately					
					2N 9N 8N

ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844



ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844

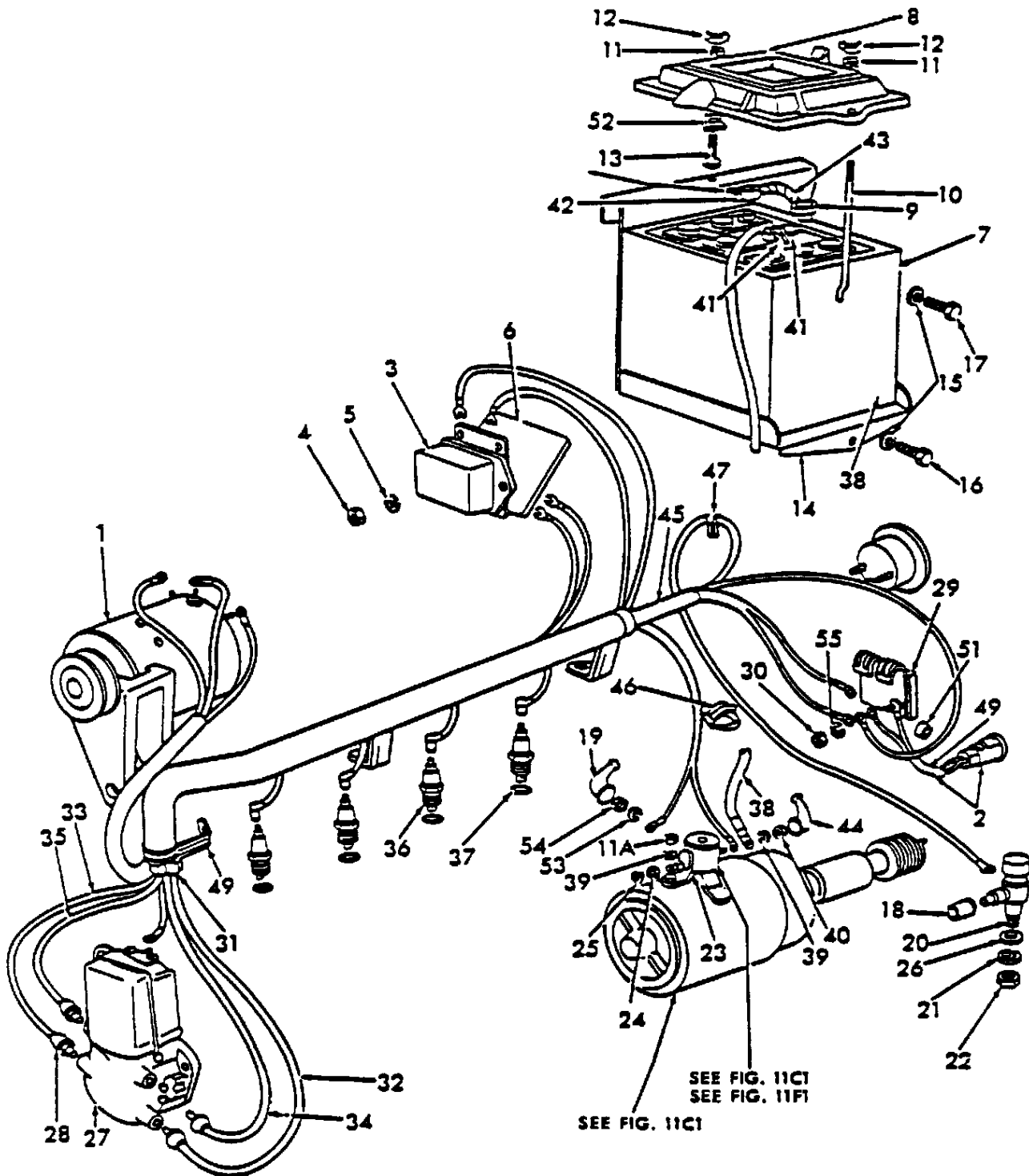
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
34		9N12286	BTW 01/39 & 12/50	1	Wire Assy., Distributor to Spark Plug #4, 33"
34		NS	BTW 01/39 & 12/47	1	Wire Assy., Distributor to Spark Plug #4, 27", 9N, 2N
35		9N12287A	BTW 01/39 & 12/47	1	Wire Assy., Distributor to Spark Plug #1, 21-1/2", 9N, 2N
35		NS	BTW 01/42 & 12/43	1	Wire Assy., Distributor to Spark Plug #1, 14-1/2", 9N, 2N Use W/9N12024, 8NAN, BSN 263844
35		9N12287B	BTW 01/48 & 12/50	1	Wire Assy., Distributor to Spark Plug #1, 17-1/2", 8N
36		AL82	BTW 01/39 & 12/50, BSN 263843	4	Plug, Spark
36	1	A0012405A	BTW 01/39 & 12/50	4	Plug, Spark, 9NAN, 2NAN, 8NAN
37		01A12410A	BTW 01/39 & 12/50	4	Gasket, Spark Plug
37A	2	NS	BTW 01/39 & 12/42	1	Socket & Wiring Assy., Cond. to Indicator Lamp, 9N
38		9N14300C	BTW 01/40 & 12/47	1	Cable Assy., Battery to Starter Switch or Relay, 6" Long, 9N, 2N, After S/N 12499
38		9N14300C	BTW 01/48 & 12/50	1	Cable Assy., Battery to Starter Switch or Relay, 21" Long, 8N
38		8N14300B	BTW 01/39 & 12/50	1	Cable Assy., Battery to Starter Switch or Relay, 10-1/2" Lg.
39		PL		AR	Washer, Lock, 5/16"
40		PL	BTW 01/39 & 12/50	1	Nut, 5/16"-24, Battery Cable to Starter Motor Relay
41		PL		AR	Nut, Hex, 5/16"-18
42		PL	BTW 01/39 & 12/50	1	Bolt, 5/16"-18 x 1.25, Cable Terminal to Battery Post
42A	2	PL		AR	Nut, Hex, 5/8" - 18
42		PL	BTW 01/39 & 12/47	1	Bolt, 5/8"-18 x 1.25, Strap to Battery Post, 9N, 2N
42A	2	PL			Nut, Hex, 5/8" - 18
42		PL	BTW 01/48 & 12/50	1	Bolt, 5/8"-18 x 1.25, Ground Terminal to Battery, 8N
43		D1NN14301H	BTW 01/39 & 12/47	1	Strap Assy., Battery to Ground, 9N, 2N Nut, Hex, 5/8"-18
43		FAE14301B	BTW 01/48 & 12/50	1	Strap Assy., Battery to Ground Cable Assy., 8N
43A	2	NLS		AR	Clip, Wiring {91A10882}
43B	2	NS	BTW 01/39 & 12/47	1	Connector Assy., Ignition Switch to Register, 9N, 2N
44		C7NN14321A	BTW 01/39 & 12/50	1	Cover, Starter Cable Terminal

(1) No Longer Serviced

(2) Not illustrated

2N 9N 8N

ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844



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ELECTRICAL WIRING & RELATED PARTS - 9N, 2N & 8N BSN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
45	1	2N14305	BTW 01/39 & 12/47	1	Wiring Assy., Generator to Voltage Regulator, 9N,2N Use W/8N10000B
45		86618152	BTW 01/39 & 12/43	1	Wiring Assy., Main, 9N, 2N (Two Wire Generator)
45		86618153	BTW 01/39 & 12/43	1	Wiring Assy, Main, 9N, 2N, One Wire Generator
45		2N14401	BTW 01/43 & 12/47	1	Wiring Assy., Main, 2N
45		86606459	BTW 01/48 & 12/50	1	Wiring Assy., Main
46	1	356668S32	BTW 01/48 & 12/50	1	Clip, Pitman Arm Cover, 8N, Before S/N 263844
47		NLS	BTW 01/48 & 12/50	1	Clip, Battery Bracket, 8N {358284S32}
48		NLS	BTW 01/48 & 12/50	1	Clip, Instrument Panel Brace, 8N {8M14197}
48	2	NLS	BTW 01/48 & 12/50	1	Clip, Instrument Panel Support Bracket, 8N {51C14197}
48A	2	NS	BTW 01/39 & 12/40	1	Cable Assy., Switch to Starter, 9N Before S/N 12500
48A	2	NS	BTW 01/40 & 12/47	1	Cable Assy., Switch to Starter, 9N After S/N 12499, 2N
49		NS	BTW 01/39 & 12/47	1	Wire Assy., Ignition Switch to Junction Terminal & Reservoir Coil, 9N, 2N
49A	2	86516012	BTW 01/39 & 12/50	AR	Kit, Lighting Circuit Fuse, Contains 5 Fuses
50	2	NS	BTW 01/39 & 12/50	1	Bracket, Spark Plug Wire, Use W/9N12278
50A	2	NLS	BTW 01/48 & 12/50	1	Wire Assy., Voltage Regulator to Generator Armature, 8N {8N14596}
51		PL	BTW 01/48 & 12/50	1	Grommet, Starter Switch Lead, 8N
52		PL	BTW 01/48 & 12/50	1	Nut, 5/16"-24, Use W/352924S8, 8N
52A	1, 2	CHPN13N310A	BTW 01/39 & 12/50	1	Kit, Flasher Lamp, Includes: Gasket & Flasher 52B & 52C
52B		D6NN13N309B		1	Gasket
52C		NLS		1	Flasher, 5 Volt {309792}
52D	2	350804S36		AR	Bolt, Carriage, 7/16"-20 x .88, Special
53		PL		1	Washer, Lock, #10
54		PL		1	Nut, #10-32
55		PL		1	Washer, Lock, 1/4"

(1) No Longer Serviced

(2) Not illustrated

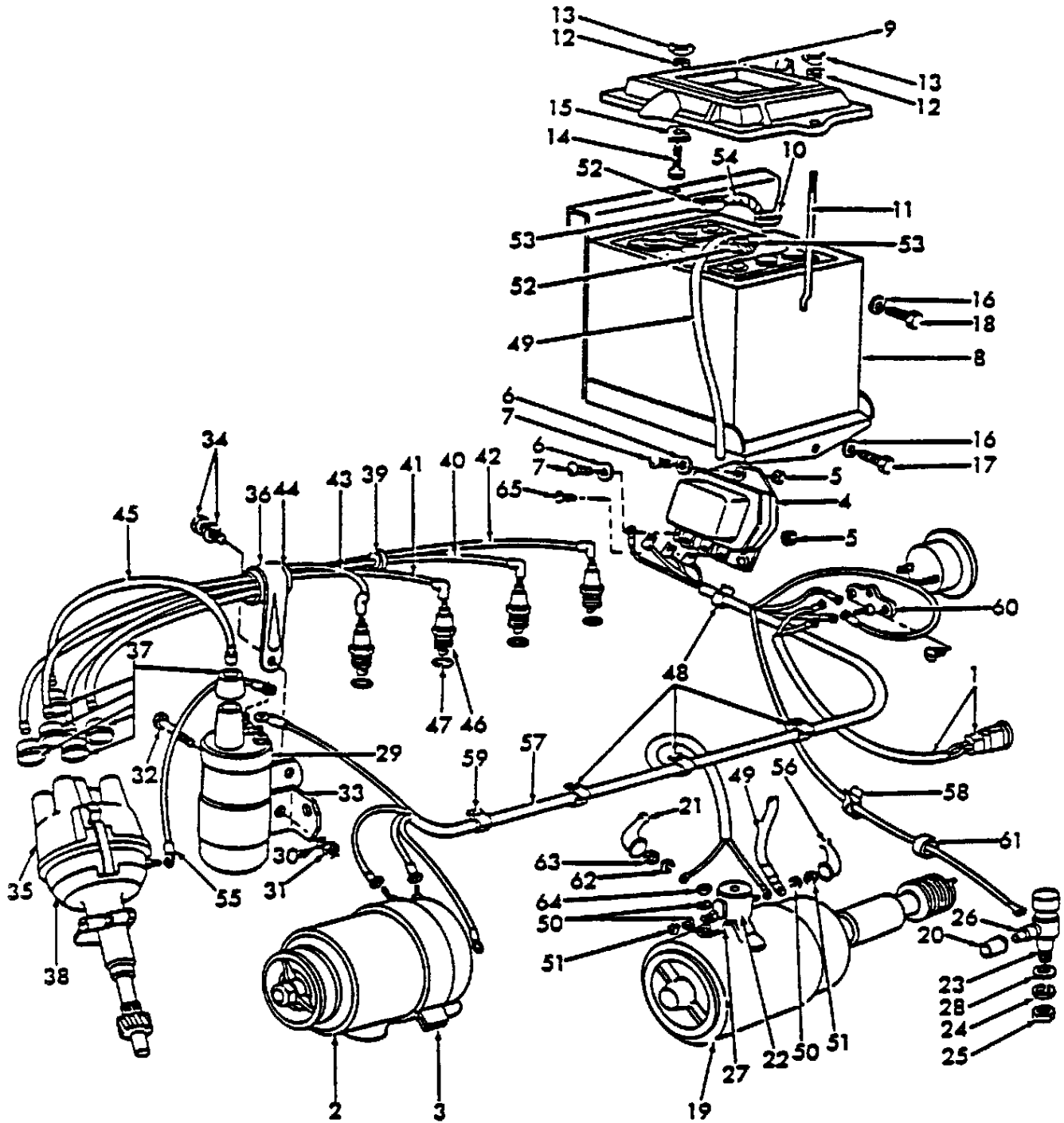
2N 9N 8N

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ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844



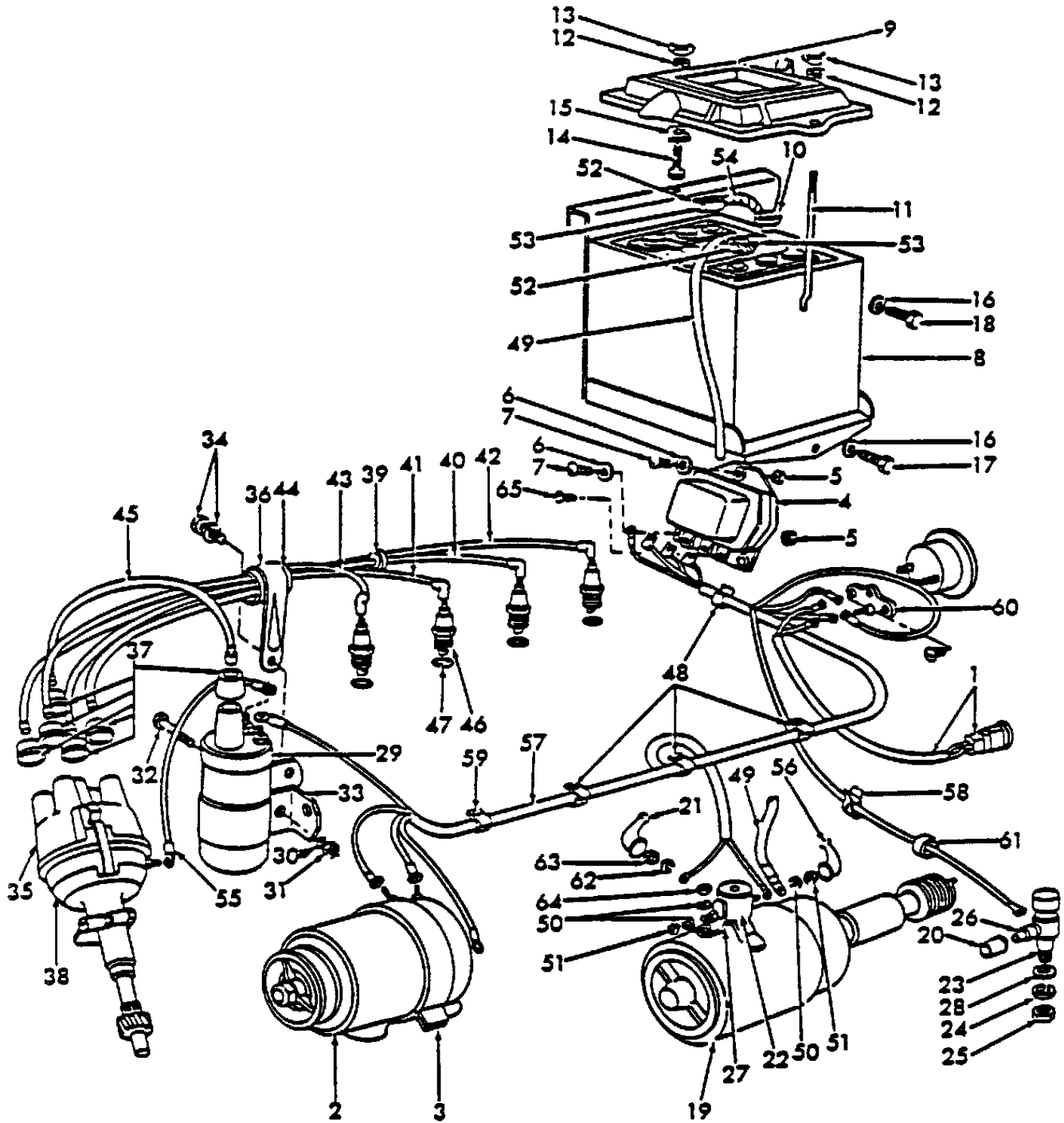
ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N3679C	BTW 01/50 & 12/52	1	Lock & Wire Assy., Ignition, W/2 Keys
1A	1, 2	356095S2	BTW 01/50 & 12/52	1	Nut, Hex, 13/16"-20, Lock to Steering Gear Housing
1B	2	9N3685B	BTW 01/50 & 12/52	AR	Key, Ignition, Universal Series 1053
2		8N10001LPR	BTW 01/50 & 12/52	1	Generator Assy., L/Bracket, See Electrical Fig 11B3 for Detail
3	1	8N10151C	BTW 01/50 & 12/52	1	Bracket, Support, See Electrical Fig. 11B3 for Detail
4		8N10505C	BTW 01/50 & 12/52	1	Regulator Assy., General Voltage
5		PL		AR	Nut, Tee, 1/4"-20
6		PL		AR	Washer, Lock, Internal Tooth, 1/4"
7		PL	BTW 01/50 & 12/52	3	Screw, 1/4"-20 x .75", Regulator to Regulator Mounting Bracket
8		F220DS	BTW 01/50 & 12/52	1	Battery Assy., Dry Charge, W/Electrolyte, 6 Volt, U.S.
8		NS	BTW 01/50 & 12/52	1	Battery Assy., Wet, 6 Volt
8		9613418DS		1	Battery, Dry Charge, 6V, Canada
9		NCA10718A	BTW 01/50 & 12/52	1	Clamp, Battery
10		D6NN10720A	BTW 01/50 & 12/52	3	Plug, Battery Filler
11		8N10728	BTW 01/50 & 12/52	1	Bar, Battery Clamp Holddown, RH
12		PL		AR	Washer, Lock, 5/16"
13		350990S8	BTW 01/50 & 12/52	2	Nut, 5/16"-24, Holddown Bar to Battery Cover
14	1	352924S8		AR	Bolt, 5/16"-24 x 1-5/8", Used as LH Holddown W/Battery Support 8N10732, NAA10732-B & -C
14A	1, 2	8N10732	BTW 01/50 & 12/52	1	Battery Support Assy.
15	1	350996S2	BTW 01/50 & 12/52	1	Nut, 5/16"-.62, Used W/352924S8 Bolt
16		PL		AR	Washer, Lock, 7/16"
17		PL	BTW 01/50 & 12/52	2	Bolt, HH, 7/16"-14 x 1.25, Battery Support to Transmission to Cylinder Block
18		PL	BTW 01/50 & 12/52	2	Bolt, HH, 7/16"-14 x 1, Battery Support to Instrument Panel Support to Lower Steering Gear Housing
19		8N11001R	BTW 01/50 & 12/52	1	Starter & Drive Assy., See Electrical Fig. 11C for Details
20		8N11113	BTW 01/50 & 12/52	1	Cover, Starter Switch Terminal
21		8N11115	BTW 01/50 & 12/52	1	Cover, Starter Control Wire Terminal
22		8N11450	BTW 01/50 & 12/52	1	Relay Assy., Starter

(1) No Longer Serviced

(2) Not illustrated

ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844



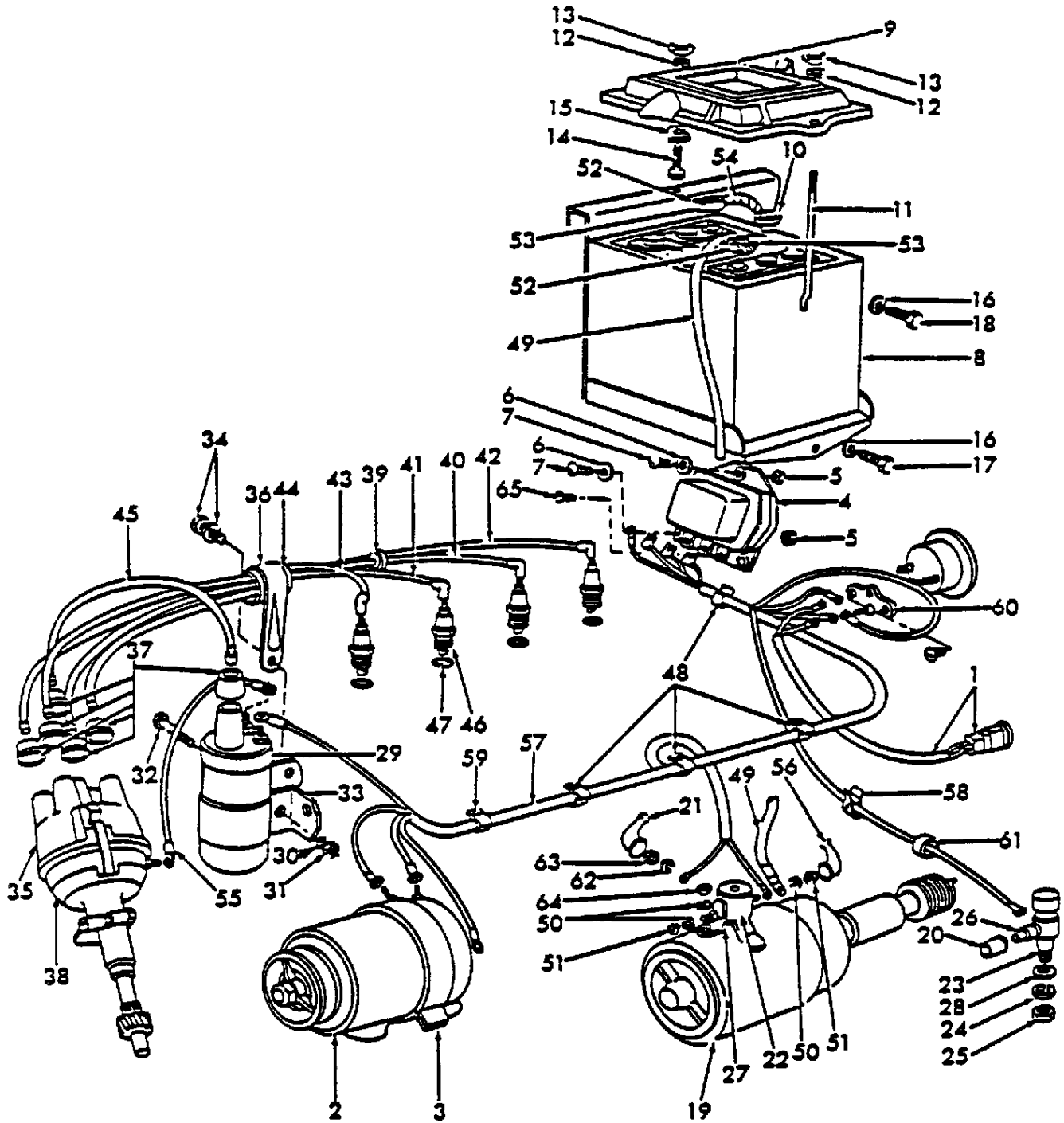
ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23		8N11500	BTW 01/50 & 12/52	1	Switch Assy., Starter Push
24	1	351217S		AR	Washer, Lock, External Tooth, 3/4"
25		PL	BTW 01/50 & 12/52	1	Nut, Hex, 3/4"-16, Switch to Transmission Cover
26		PL	BTW 01/50 & 12/52	1	Screw & Washer, # 8-32 x .25", Wire to Switch
27		NLS	BTW 01/50 & 12/52	1	Bar, Starter Solenoid to Starter Bus, Optional W/B {8N11518A}
27		NLS	BTW 01/50 & 12/52	1	Bar, Starter Solenoid to Starter Bus, Optional W/A {8N11518B}
28		8N11529	BTW 01/50 & 12/52	1	Gasket, Starter Switch
29		E8TF12029BA	BTW 01/50 & 12/52	1	Ignition Coil Assy.
30		PL		AR	Washer, Lock #10
31		PL	BTW 01/50 & 12/52	1	Nut, #10-32, Primary Post
31		PL		AR	Nut, # 10-32
32		PL	BTW 01/50 & 12/52	1	Screw, Round Hd., #10-32 x .50", Coil to Strap
33	1	8N12043	BTW 01/50 & 12/52	1	Strap, Ignition Coil
34		PL		AR	Screw & Washer, HH, 5/16"-18 x .50" Strap & Coil to Cylinder Block
35		NCA12106A	BTW 01/50 & 12/52	1	Housing, Distributor Terminal, See Electrical Fig. 11D2
36		NLS	BTW 01/50 & 12/52	1	Bracket, Ignition Coil Mounting {8N12112B}
37		FDS12113A	BTW 01/50 & 12/52	6	Insulator, Distributor Spark Plug Wire
38	1	8N12127B	BTW 01/50 & 12/52	1	Distributor Assy., L/Terminal Housing & Rotor
38A	2	PL		AR	Washer, 5/16" Lock
38B	2	PL		AR	Washer, 5/16" Flat
38C	2	PL	BTW 01/50 & 12/52	1	Bolt, 5/16"-18 x .62", Distributor to Front Cover
38D	2	FAD12152A	BTW 01/50 & 12/52	1	Plate, Distributor Breaker, See Electrical Fig. 11D2
38E	2	8N12259	BTW 01/50 & 12/52	1	Kit, Spark Plug Wire, Includes: Parts 38F Thru 38K
38F		FDS12113A		6	Insulator
38G	3	8N12283B		1	Wire, # 3
38H		NLS		1	Wire, # 2 {8N12284C}
38I	3	8N12286B		1	Wire, # 4
38J	3	8N12287C		1	Wire, # 1

- (1) No Longer Serviced
 (2) Not illustrated
 (3) Not Serviced Separately

8N

ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844



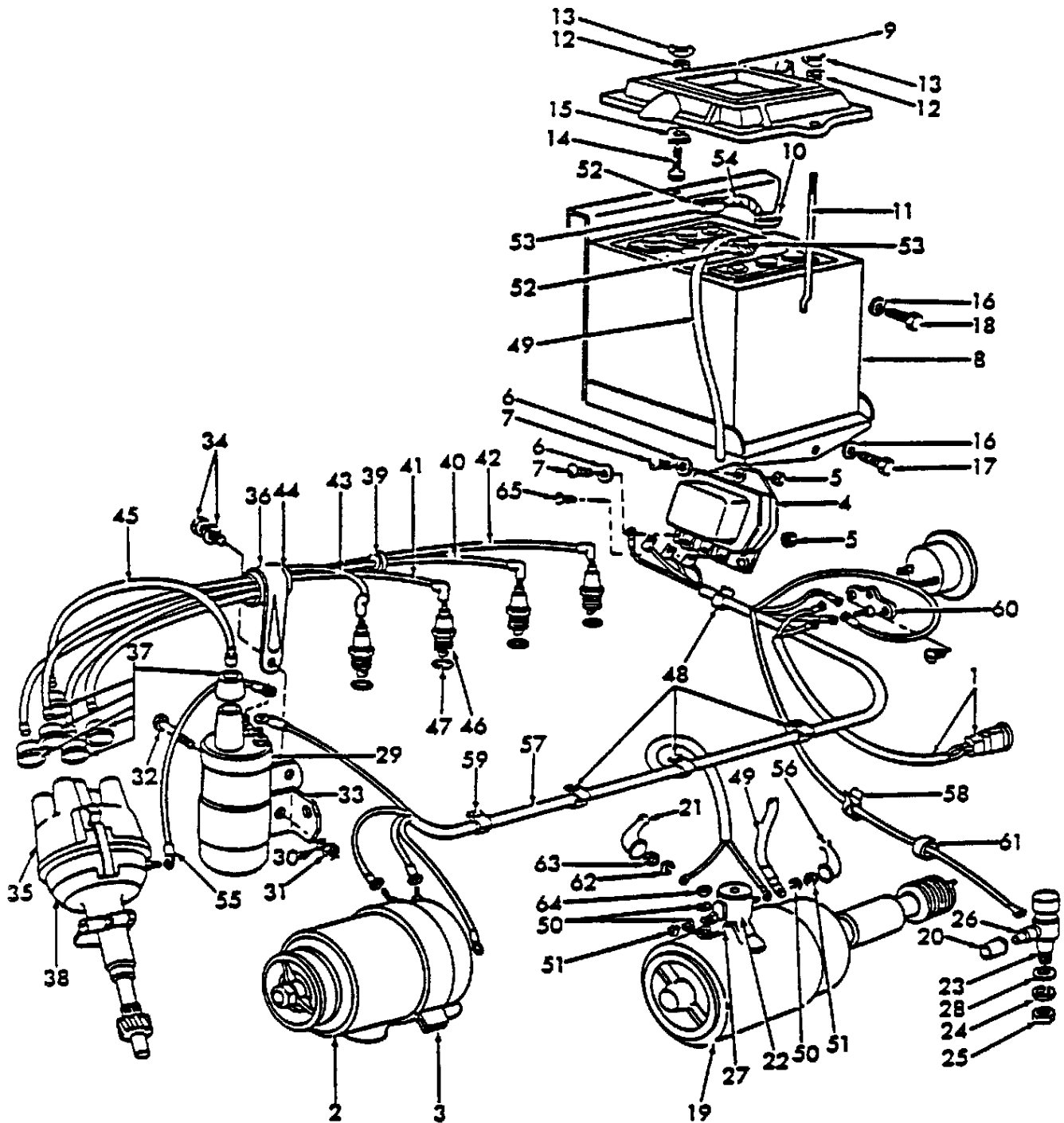
ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
38K		8N12298		1	Wire, Coil
39		7RA12271	BTW 01/50 & 12/52	1	Retainer, Ignition Wire
40	1	NS	BTW 01/50 & 12/52	1	Wire Assy., 19-1/2", Distributor to Spark Plug # 3
41	1	NS	BTW 01/50 & 12/52	1	Wire Assy., Distributor to Spark Plug
42	2	8N12286B	BTW 01/50 & 12/52	1	Wire Assy., 24-1/4", Distributor to Spark Plug # 4
43	2	8N12287C	BTW 01/50 & 12/52	1	Wire Assy., 11-1/2", Distributor to Spark Plug # 1
44		PL	BTW 01/50 & 12/52	1	Grommet, Ignition Cable
45		8N12298	BTW 01/50 & 12/52	1	Wire Assy., Hi-Tension, 9.25" Long, Coil to Distributor
46		AL7C	BTW 01/50 & 12/52	4	Plug, Spark, Champion, H10
46	2	A0012405A	BTW 01/50 & 12/52	4	Plug, Spark, Champion, J11, 8NAN
47		01A12410A	BTW 01/50 & 12/52	4	Gasket, Spark Plug
48		7RC14197	BTW 01/50 & 12/52	1	Clip, Instrument Panel Brace
48		7RC14197	BTW 01/50 & 12/52	3	Clip, Hood Top Reinforcement
49		9N14300C	BTW 01/50 & 12/52	1	Cable Assy., 21" Long Battery to Starter Switch or Relay
49		8N14300B	BTW 01/50 & 12/52	1	Cable Assy., 10-1/2" Long, Battery to Starter Switch or Relay
50		PL		AR	Washer, Lock, 5/16"
51		PL	BTW 01/50 & 12/52	1	Nut, 5/16"-24, Battery Cable to Starting Motor Relay
52		PL		AR	Nut, Hex, 5/16"-18
52		PL		AR	Nut, Hex, 5/8"-18
53		PL	BTW 01/50 & 12/52	1	Bolt, 5/16"-18 x 1.25", Cable Terminal to Battery
53		PL	BTW 01/50 & 12/52	1	Bolt, 5/8"-18 x 1.25", Ground Terminal to Battery
54		FAE14301B	BTW 01/50 & 12/52	1	Strap Assy., Battery to Ground Cable Assy.
55		FDN14302A	BTW 01/50 & 12/52	1	Wire Assy., Low Tension, 7" Long, Coil to Distributor
56		C7NN14321A	BTW 01/50 & 12/52	1	Cover, Starter Cable Terminal
57		86614726	BTW 01/50 & 12/52	1	Main Wiring Assy.
58		356668S32	BTW 01/50 & 12/52	1	Clip, Pitman Arm Cover
59		PL	BTW 01/50 & 12/52	1	Clip, Hood Side Panel Mounting Bolt
60		8NNN14448A	BTW 01/50 & 12/52	1	Block Assy., Electric Wiring Junction
61		PL	BTW 01/50 & 12/52	1	Grommet, Starter Switch Lead
61A		CHPN13N310A	BTW 01/50 & 12/52	1	Kit, Flasher Lamp, Includes: Gasket & Flasher 61B & 61C

(1) Not Serviced

(2) No Longer Serviced

ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844



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ELECTRICAL WIRING & RELATED PARTS - 8N ON & ASN 263844

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
61B		D6NN13N309B		1	Gasket
61C		NLS		1	Flasher, 6 Volt {309792}
61D	1	PL		AR	Washer, Lock, 7/16"
61E	1	PL		AR	Nut, Hex, 7/16"-20
61F	1	350804S36		2	Bolt, Carriage, Special, 7/16"-20 x .88"
62		PL	BTW 01/50 & 12/52	1	Washer, Lock, # 10
63		PL	BTW 01/50 & 12/52	1	Nut, # 10-32
64	2	PL	BTW 01/50 & 12/52	1	Nut, 5/16"-24
65		PL	BTW 01/50 & 12/52	1	Screw, Hex, # 10-32 x 3/8"
66		NLS	BTW 01/50 & 12/52	1	Wire Assy., Voltage Regulator to Generator Armature {8N14596}
67		86516012	BTW 01/50 & 12/52	AR	Kit, Lighting, Circuit Fuse, Contains 5 Fuses

(1) Not illustrated

(2) Not Serviced

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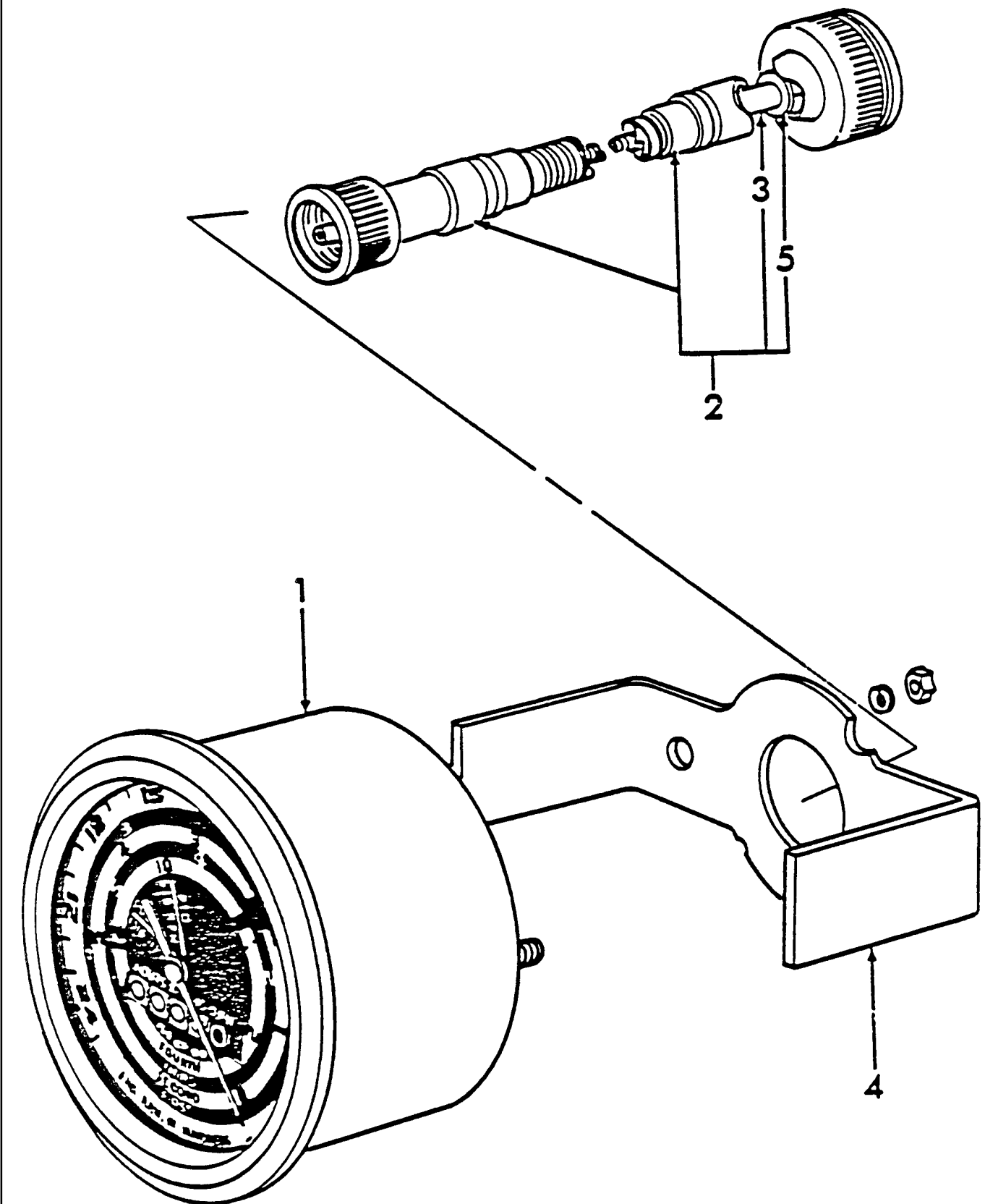
12A01	PROOFMETER & RELATED PARTS - 8N ASN 290271
12A01A	INDICATORS & GAUGES - 9N, 2N, 8N

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PROOFMETER & RELATED PARTS - 8N ASN 290271



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PROOFMETER & RELATED PARTS - 8N ASN 290271

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N17360A1	BTW 01/50 & 12/52	1	Proofmeter Assy., Miles
1	1	NS	BTW 01/50 & 12/52	1	Proofmeter Assy., Kilometers
2		8N17365	BTW 01/50 & 12/52	1	Cable Assy., Proofmeter
3		NLS	BTW 01/50 & 12/52	1	Shaft Assy., Proofmeter Cable {8N17368}
3A	2	NS	BTW 01/50 & 12/52	1	Cover, Governor Proofmeter Opening, Use W/8N-18204-B or C without Proofmeter
4		8N17368B	BTW 01/50 & 12/52	1	Bracket, Proofmeter Mounting
4A	2	PL	BTW 01/50 & 12/52	1	Gasket, Governor Proofmeter Opening Cover, Used W/8N-17370
5		PL	BTW 01/50 & 12/52	1	Washer, Proofmeter Shaft Return, C-Type
6	2	NLS	BTW 01/48 & 12/52	1	Plate, Heat Indicator Warning, 8NAN {8NAN10888}

(1) Not Serviced

(2) Not illustrated

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INDICATORS & GAUGES - 9N, 2N, 8N

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NOT
AVAILABLE**

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INDICATORS & GAUGES - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		FAD9273A	BTW 01/39 & 12/52	1	Indicator Assy., Oil Pressure
		FAD10850A	BTW 01/39 & 12/52	1	Indicator Assy., Charge, Ammeter Assy.
		8N10879	BTW 01/39 & 12/52	1	Clamp, Ammeter Mounting
		PL		AR	Washer, Lock, #10
		PL		2	Nut, HH, #32
		FAD10883E	BTW 01/39 & 12/52	1	Indicator Assy., Temperature, 9NAN, 2NAN, 8NAN
	1	9N17668	BTW 01/39 & 12/52	1	Clip, Indicator Gauge, 9NAN, 2NAN, 8NAN
		NLS	BTW 01/48 & 12/52	1	Plate, Heat Indicator Warning, 8NAN {8NSN10888}
	1	2NAN10931	BTW 01/39 & 12/52	1	Bushing, Temperature Indicator Bulb, 9NAN, 2NAN, 8NAN
		NS	BTW 01/39 & 12/47	1	Tube Assy., Oil Pressure Gauge, 9N, 2N
		86591373	From 01/48	1	Tube Assy., Oil Pressure Gauge, 8N
		PL	BTW 01/39 & 12/52	1	Elbow, Flared Footing, 1/4", Tube to Block Assy.
(1)	No Longer Serviced				
					8N 2N 9N

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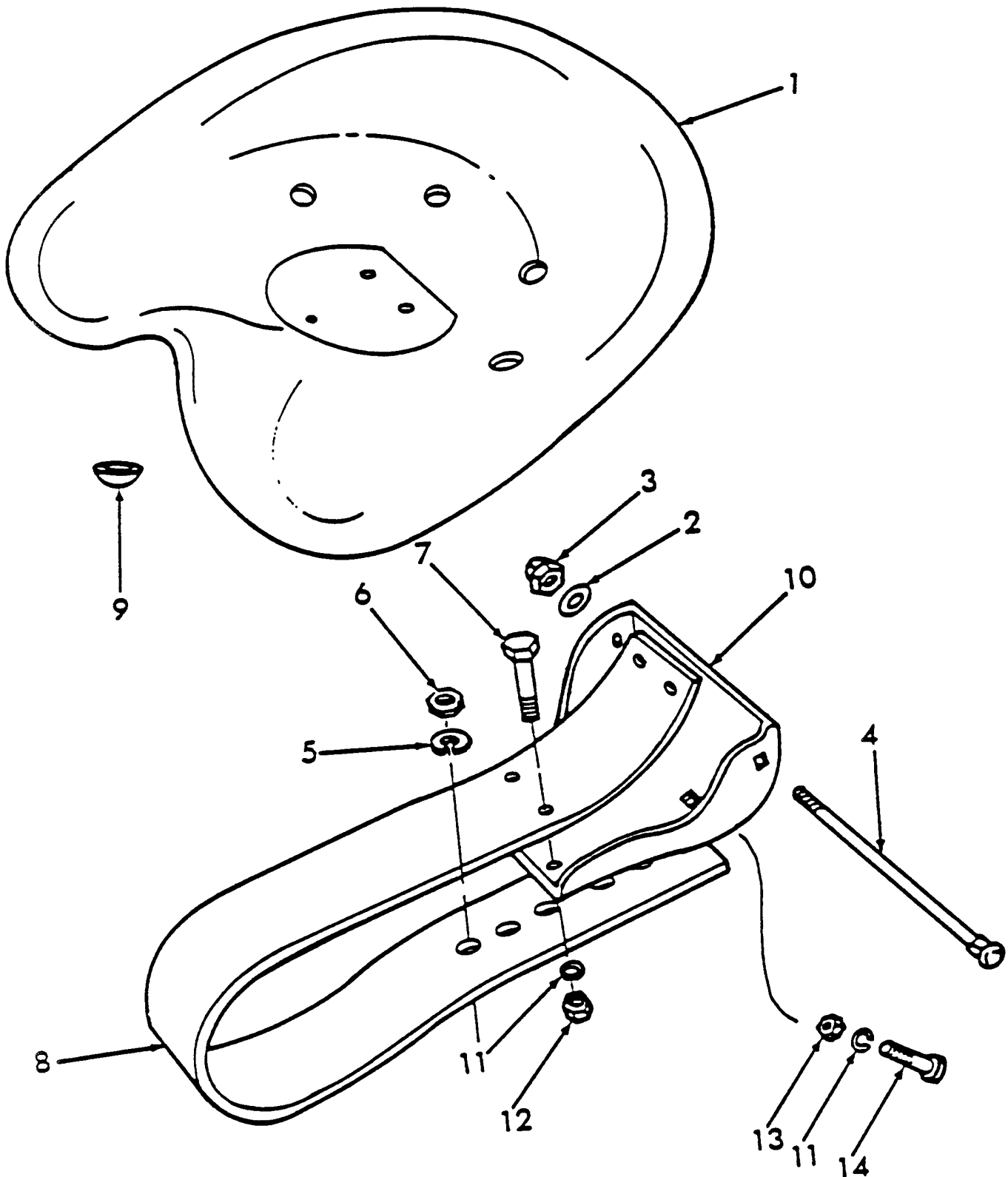
13A01	DRIVER SEAT & RELATED PARTS - 9N, 2N, 8N
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DRIVER SEAT & RELATED PARTS - 9N, 2N, 8N



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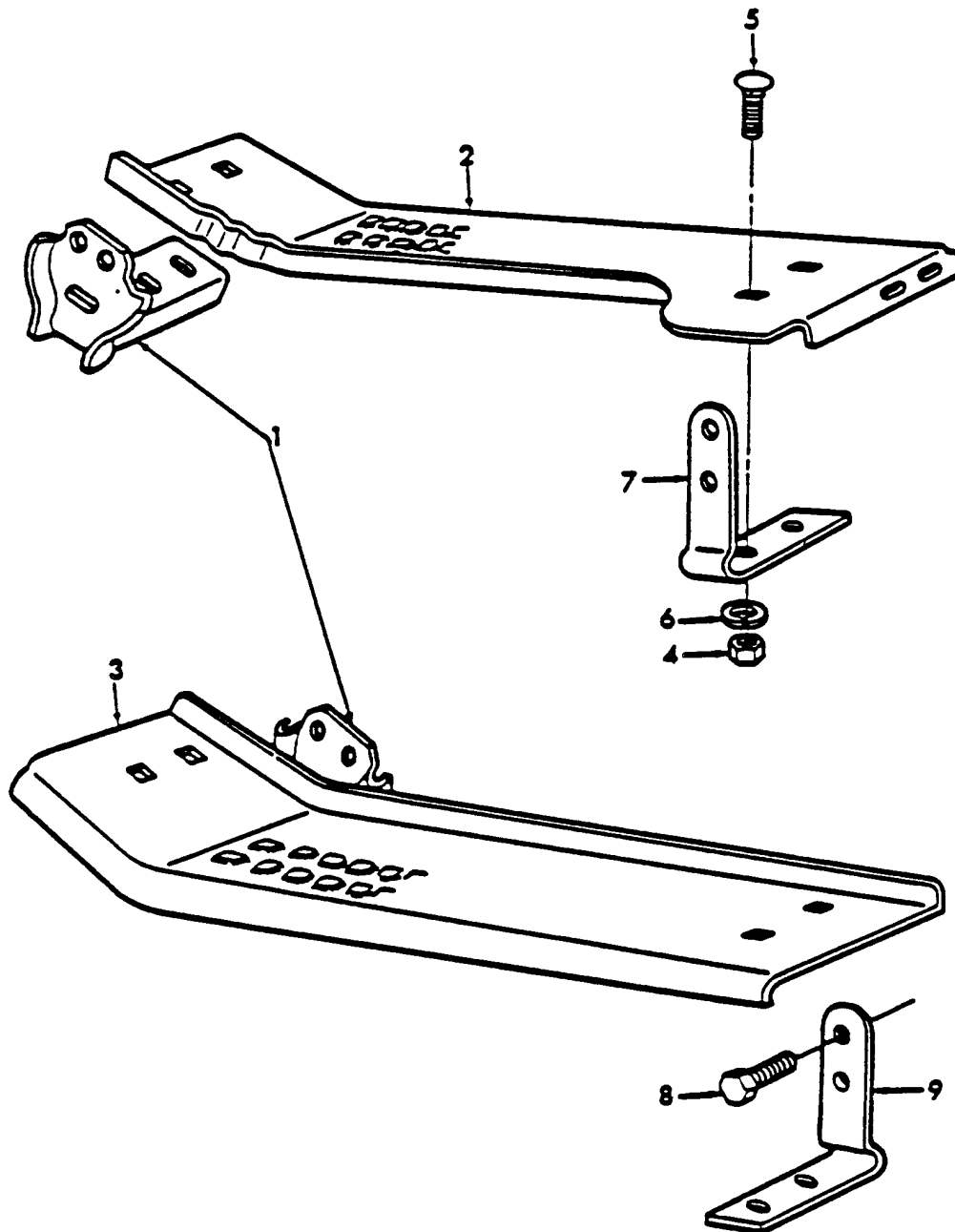
DRIVER SEAT & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		C3NN400C		1	Seat Assy., Drivers Deluxe
1		C5NN400AE		1	Seat Assy., Drivers, Steel Pan Seat
1		E7NN400GA		1	Seat Assy., Driver, Deluxe Black
1		251054DS		1	Seat Assy., Economy
1		251195DS		1	Cushion, for Pan Seat
2		PL		AR	Washer, Flat, 3/8"
3		PL		AR	Nut, Lock, 3/8"-24
4		352664S36		1	Pin, 3/8"-24 x 7-7/16", Seat to Hinge
5		PL		AR	Washer, Lock, 7/16"
6		PL		AR	Nut, Hex, 7/16"-20
7		NLS		1	Bolt, Carriage, 7/16"-20 x 1.09", Used only W/9N400 Seat to Spring, 9N, 2N {8NSN10888}
7		PL		2	Stud, 7/16"-14-20 x 1-3/8", Spring to Lift Cover, 9N, 2N
8		NLS		1	Spring, Seat Drivers, 9N, 2N {9N404}
8		NCA404B		1	Spring, Seat Drivers
9		NLS		1	Bumper, Seat to Spring, Rubber, 8N {8N434B}
10		86531095		1	Hinge, Seat Spring, Drivers, 8N
11		PL		AR	Washer, Lock, 5/16"
12		PL		AR	Nut, Hex Jam, 5/16"-24
13		PL		AR	Nut, Hex, 5/16"-24
14		350476S36		2	Bolt, HH, 5/16"-24 x .75", Hinge to Spring, 8N
14		350476S36		2	Bolt, HH, 5/16"-24 x .88", Hinge to Spring, 8N
					2N 9N 8N

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14A01	RUNNING BOARDS & RELATED PARTS - 8N
14B01	SHEET METAL & RELATED PARTS - 9N, 2N, 8N

RUNNING BOARDS & RELATED PARTS - 8N



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RUNNING BOARDS & RELATED PARTS - 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N16470	BTW 01/48 & 12/52	2	Bracket, Running Board, Front
2		312392		1	Running Board, RH
3		NDA16473C	BTW 01/48 & 12/52	1	Running Boards, LH
4	1	350947S8		AR	Nut, Hex, 5/16"-24
5	1	355471S8	BTW 01/48 & 12/52	8	Bolt, 5/16"-24 x .75", Running Board to Front Bracket & or Differential Cover to Center Housing Rear Supports
6		PL		AR	Washer, Lock, 5/16"
7	1	8N16486	BTW 01/48 & 12/52	1	Support, Running Board, Rear, RH
8		PL	BTW 01/48 & 12/52	2	Bolt, 7/16"-14 x 1", Running Board Support to Shifter Plate or Differential Cover to Center Housing
9	1	NCA16487A	BTW 01/48 & 12/52	1	Support, Running Board, Rear, LH
10	2	PL	BTW 01/48 & 12/52	2	Bolt, 7/16"-14 x 1", Running Board Support to Shifter Plate

(1) No Longer Serviced

(2) Not illustrated

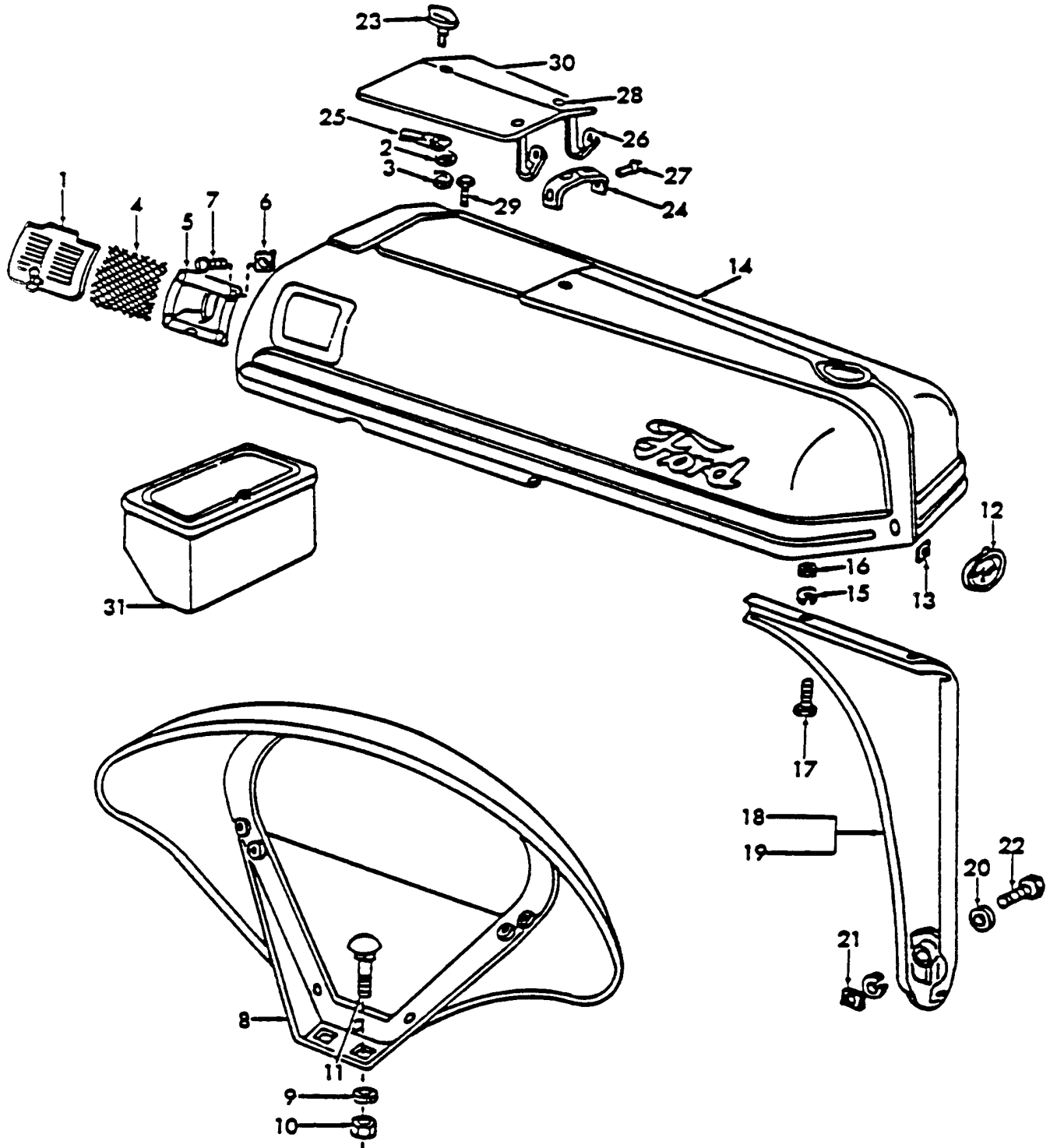
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SHEET METAL & RELATED PARTS - 9N, 2N, 8N



SHEET METAL & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		8N9661	BTW 01/48 & 12/52	1	Cover & Screw Assy., Air Cleaner, 8N
2		PL		AR	Washer, Lock, 1/4"
3		355924S8	BTW 01/48 & 12/52	1	Nut, 1/4"-28, Cover Assy. to Side Panel, 8N
4		NS	BTW 01/48 & 12/52	1	Screen, Air Cleaner, Funnel, 8N
5		NS	BTW 01/48 & 12/52	1	Funnel Assy., Air Cleaner, 8N
6		350991S32		AR	Nut, #14-A Speed
7		PL	BTW 01/48 & 12/52	4	Screw, Pan Hd., #14-10 x .75", Funnel to Hood, 8N
8		C0NN16312A	BTW 01/39 & 12/52	2	Fender Assy., Rear
9		PL		AR	Washer, Lock, 5/8"
10		PL		AR	Nut, Hex, 5/8"-18
11		375651S8	BTW 01/39 & 12/47	4	Bolt, 5/8"-18 x 5.56", Fender to R.A. Housing, 9N, 2N
11		PL	BTW 01/48 & 12/52	4	Bolt, 5/8"-18 x 6.12", Fender to R.A. Housing, 8N Replaces FAD-10850-A
12		NLS	BTW 01/48 & 12/52	1	Emblem or Plate, Hood Front, Plate Identification, Optional W/B, 8N {8N16600A}
12		NS	BTW 01/48 & 12/52	1	Emblem or Plate, Hood Front, Plate Identification,
13		371107S7	BTW 01/48 & 12/52	1	Nut, Self-Threading, 3/16", Plate to Hood, 8N
14		NS	BTW 01/39 & 12/47	1	Hood Top Assy., 9N, 2N
14		NS	BTW 01/48 & 12/52	1	Hood Top Assy., 8N
15		PL		AR	Washer, Lock, 5/16"
16		PL		AR	Nut, Hex, 5/16"-24
17		PL	BTW 01/39 & 12/52	4	Bolt, 5/16"-24 x .50, Hood Top to Side Panels
18		NLS	BTW 01/39 & 12/52	1	Panel Assy., Hood Side Front, Lower RH {8N16618}
19		NS	BTW 01/39 & 12/52	1	Panel Assy., Hood Side Front Lower, LH
20		PL		AR	Washer, Flat, 7/16"
21	1	356034S8		AR	Nut, Hex, 7/16"-20
22	1	350782S8	BTW 01/39 & 12/52	2	Bolt, 7/16"-20 x 1.12, Side Panels to Front Axle Washer, Flat, 5/16"
22A	2	PL	BTW 01/39 & 12/52	2	Bolt, 5/16"-24 x .62, Side Panel to Radiator Grille
23		9N16625	BTW 01/39 & 12/52	1	Handle & Stud Assy., Hood Top Battery Cover
23A	3	PL	BTW 01/39 & 12/52	1	Nut, Hex, 1/4"-20, Stud to Tongue
24		NLS	BTW 01/39 & 12/52	1	Retainer, Hood Top Battery Cover {9N16651}

(1) No Longer Serviced

(2) Not illustrated

(3) Not illustrated

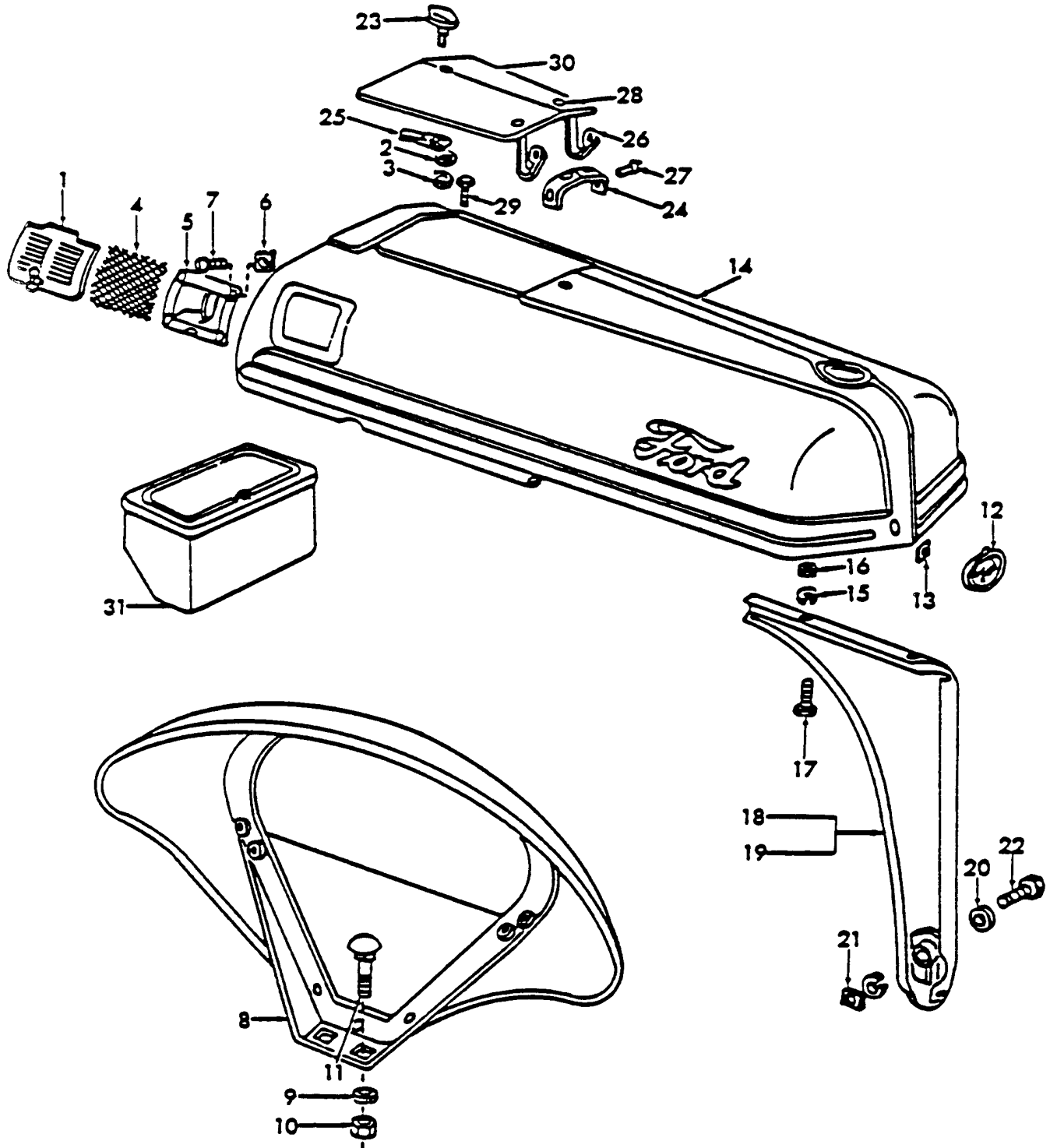
2N 9N 8N

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SHEET METAL & RELATED PARTS - 9N, 2N, 8N



SHEET METAL & RELATED PARTS - 9N, 2N, 8N

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
25		9N16656	BTW 01/39 & 12/52	1	Tongue, Hood Top Battery Cover
26	1	9N16689	BTW 01/39 & 12/52	1	Hinge, Hood Top Battery Cover
27	1	63345S7	BTW 01/39 & 12/52	2	Rivet, Tubular, 7/16" x 3/16, Hinge to Return
28		PL	BTW 01/39 & 12/52	4	Rivet, 3/16" x 5/16", Hinge to Cover & Return to Hood
29	1	358159A1S	BTW 01/39 & 12/52	4	Bumper, Battery Cover to Hood Top
30	1	9N16938C	BTW 01/39 & 12/52	1	Cover, Hood Top Battery, Hinge Type
31	2	NLS	BTW 01/48 & 12/52	1	Box Assy., Tool, 8N, Includes: Parts 32 Thru 39 {8N17005}
32		PL	BTW 01/48 & 12/52	2	Bolt, HH, 5/16"-24 x .62, Tool Box Mounting, 8N
33	1	9N17014	BTW 01/39 & 12/52	1	Wrench, Open End, 11/16-1"
34	1, 3	{81811869}	BTW 01/39 & 12/52	1	Wrench, Open End, 7/16"-1/2
35	1, 3	{81811870}	BTW 01/39 & 12/52	1	Wrench, Open End, 9/16"-5/8"
36		NS	BTW 01/39 & 12/52	1	Wrench, Adjustable
37	1	9N17040	BTW 01/39 & 12/52	1	Crank, Starting, 25.22" Long
38		APN17000A	BTW 01/48 & 12/52	1	Wrench, Tappet Return, RH, Used to Install Adjuster Tap.
39		APN17000A	BTW 01/48 & 12/52	1	Wrench, Tappet Return, LH, Used to Install Adj. Tap., 8N

(1) No Longer Serviced

(2) Contents not shown

(3) NH-E Only

2N 9N 8N

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01A6749	06E01		11	2N3131	03A01		23
09A7563	07C01		24	2N3405B	03A01		36
0BA8576A	08B01		15	2N3673	03B01		28
11A10211B	11B01		51	2N4035	04A01		5
	11B02		46		04A01		5
	11B03		36		04A02		3
145222	07A02		56	2N4221	04A01		9
	07B01		11		04A02		8
	07B02		16	2N516A2	05A01		13
	07B02		16	2N609	05C01		21
	07B02		16	2N624	05A01		37
	07D01		20	2N6312	06B01		14
166978	11D02		17	2N6319A1	06B01		15
174125	04A01		10	2N666B	05C01		22
	04A02		9	2N7017A	07A01		1
1810088	11B01		11		07A02		1
	11B02		7	2N7113A	07A01		17
	11B03		7	2N717	07A02		46
	11C01		2		07D01		6
1810142	11C01		3	2N8032	08A01		6
1811036	11C01		8	2N8100A	08A01		8
1811057	11C01		39	2N8146	08A01		11
1811085	11C01		13	2N8260	08A01		16
1811091	11C01		14	2N8505	08B01		4
1811107B	11C01		21		08B02		4
186397	06B01		20	2N8578	08B01		15J
	06C01		35		08B02		13
19A6135A	06C01		3		08B02		13J
1GA6669	06B01		29	2N8610	08B02		15
	06B01A			2N8620A	08B01		20
202784	01A01		6	2N8686	11A01		13
20987	06B01		17	2N9155B	09A01		8
210064	07A02		41	2N9161	09A01		14
	07D01		1	2N9166	09A01		16
	07E01		4		09A01		16
21A6207B3	06B01A			2N9546	09C01		14
	06B01A			2NAN10931	12A01A		
	06B01A			2NC6250B	06C01		10
	06B01A			309786	11D01		31
	06B01A			309787	11D02		36
	06C01		7	309789	11D01		31
235760	05B01		31A		11D02		36
24667S8	04A02		25	309790	11D01		31
251006F	05C01		26		11D02		36
251054DS	13A01		1	309802	11D01		31
251195DS	13A01		1	310030	06B01		43
251293	03C02		12	310061	11G01		9
251294	03C02		13		11H01		9
251296	03C01		26	310066	11G01		7
	03C02		28	310066F	11H01		6
251342	09C01		20	310088F	07E01		19
2GA8531	08B01		15G	310799	03A01		23
	08B02		10	311506	09D01		12
	08B02		13G	311507	09D01		12
2N10177	11B01		42	311508	09D01		14
	11B02		37	312392	14A01		2
2N10179	11B01		44	312588	08A01		17
	11B02		39	312696	01B01		5
2N10180	11B01		47		04A02		23
	11B02		42	313299	07C01		21
2N10599	11J01		6	33893S36	06B01		44
2N10721	11J01			34420S7	05B01		34
2N10728	11J01		10	350400S	06C01		13
2N10734	11J01		14	350433S	07C01		26
2N1139B	01A01		5	350476S36	13A01		14
2N13043	11H01		11		13A01		14
2N13174	11G01		17	350782S8	14B01		22
	11H01		14	350802S8	05B01		11
2N14305	11J01		45	350804S36	11J01		52D
2N14401	11J01		45		11J02		61F
2N18666	06E01		15A	350816S	06C01		24

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350947S8	03A01		31B	356937S	03C02		38
	14A01		4	357319S	06G01		30
350990S8	11J01		12	357344S8	03A01		32
	11J02		13	357378S	09C01		5
350991S32	14B01		6	357708S8	04A01		3A
350996S2	11J02		15	357724S8	04A01		3B
351001S8	11G01		5		04A02		2
	11H01		5	358081S	06G01		11
351085S8	10A01		21		06G01		1D
351090ES36	05D01		25	358159A1S	14B01		29
351103S8	03B01		21	358297S32	11G01		4
351124S	11B02		16	359264S8	10A01		10
	11B03		33		10A01		10
351129S	05C01		16	359295S7	03C01		29
351217S	07B02		30		03C02		31
	11J01		21	370692S34	04A02		29
	11J02		24	370938S36	01B01		4
351385S8	05B01		5	371107S7	14B01		13
351402S	07A01		30	374072S	05B01		32A
	07A02		45	375651S8	14B01		11
	07D01		5	376425S36	04A01		23
351428S8	05C01		30		04A02		1A
	10A01		9		04C01		25
351502S36	05A01		19	387930S36	03A01		17
	05B01		32C	4010043	11B01		3
351505S8	01B01		2	4010057	11B01		6
	03A01		4		11B02		5
	05C01		17	4012141	11D02		11
351655S36	08A01		5	4013445	11H01		17
351926S	07C01		20	4013460	11H01		20
351978S	02A01		2	406057A	06B01		10
352269S8	10A01		34	406057B	06B01		10
352456S8	11D01		23	406310A	06B01		13
352581S8	07C01		16	406505A	06C01		28
	07C01		16	406512	06B01A		
352594S	05B01		22		06B01A		
352648S	05B01		44		06B01A		
352664S36	13A01		4		06B01A		
352924S8	11J01		13		06B01A		
	11J02		14		06C01		31
353052S5	06B01		54	407508A	07C01		13
	09B01		8	407549	07C01		19
353454S	06B01		52	408	01B01		3
	06B01A			486256B	06C01		12
354307S2	11H01		10	486306A	06C01		17
354346S8	07D01		12	487515	07C01		17
354391S8B	04C01		31	510884	04B01		8
354421S8B	04C01		32	510892	04A01		10
354493S8	05D01		18		04A02		10
354553S	05C01		15	517512	07A01		8
354573S36	04A02		30		07A01		8
355016S7	11D01		19		07A01		8
355147S8	11C01		36		07A02		9
355233S8	06G01		18		07A02		9
355471S8	03B01		46		07A02		9
	14A01		5	5211365B	11C01		24
355494S8	09D01		5	5211366B	11C01		25
355545S	07A01		12	5211368	11C01		27
	07A01		21	5211369	11C01		28
	07A02		15	5211370	11C01		29
	07A02		30	5211372B	11C01		30
	07A02		54	5211373	11C01		31
	07D01		18	526057B	06B01		10
355575S7	06G01		26	526057D	06B01		10
355584S8	02B02		25	526610B	06B01A		
355729S8	05C01		25		06B01A		
355924S8	14B01		3		06B01A		
356034S8	14B01		21		06C01		39
356095S2	11J01		2A	526614B	06B01A		
	11J02		1A		06B01A		
356420S8	05C01		23		06B01A		
356491S	06G01		6		06C01		41
356515S36	03C01		28	55700S7	05D01		24
	03C02		30	55757S7	05C01		18
356668S32	11J01		46	57683S36	11D01		18
	11J02		58		11D02		1A
356755S8	04A02		6	60160S	05A01		39

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6810044	11B01		4		06B01A		
	11B02		2		11D02		2
	11B03		44	86507105	02A02		1
	11C01		1	86511582	01A01		3
683571A	03B01		16		11G01		27
686666	06B01		28	86516012	11H01		32
688551A	08B01		12		11J01		49A
6H2066	02A01		13		11J02		67
72053S8	05C01		14	86516471	07A01		7
72063	01A01		9		07A01		7
73344S18	05B01		32B		07A01		7
73924S36	05B01		37		07A02		8
74127S	05D01		5		07A02		8
747238F	05A01		41		07A02		8
	07B02		18	86521836	05C01		10
7810128	11B03		11	86531095	13A01		10
782477	02B01		14	86531375	01B01		6
	02B02		19	86531499	07C01		15
	02B02		19	86531502	04B01		4
	04A01		17	86531518	06B01		9
	07C01		12	86531629	11F01		1
	07C01		12	86531713	03A01		37
783336	03A01		35	86542743	03C02		27
786140	06C01		4	86546605	06B01A		
787580A8	07C01		27		06B01A		
789566	09B01		17		06B01A		
794210A	04B01		3		06B01A		
794228F	04B01		9		06B01A		
794230F	04B01		10		06E01		6
794609	04B01		13	86546605DS	06B01A		
797234	05A01		40		06B01A		
	07A02		55		06B01A		
	07B01		10		06E01		6
	07B02		15	86548828	06B01A		
	07D01		19	86551101	05B01		31
798530	08B01		11	86551105	06C01		5
7HA12195	11D02		19	86551109	06C01		5
7HA12273	11D02		31	86551430	08A01		1
7HA6518	06C01		34	86553476	03C01		26
	06C01		34		03C02		26
7HA6520	06B01		21	86559265	06B01A		
7HA6521	06B01		22		09C01		1
	06B01A				09C01		3A
7HA8576	08B01		15I		09C01		4A
	08B02		12	86563314	05B01		12
	08B02		13I	86576860	01A01		10
7RA12144	11D02		12	86577043	01A01		11
7RA12233	11D02		29	86591373	06E01		18
7RA12234	11D02		30		12A01A		
7RA12271	11J02		39	86591374	06E01		17
7RA12390C	11D02		34	86591375	09A01		22
7RA6255	06C01		11	86602649	09D01		13
7RA6256A	06C01		12	86604031	05A01		8
7RA6256B	06C01		12	86604201	06C01		42
7RA6256C	06C01		12	86606459	11J01		45
7RA7609	06C01		46	86609936	01A01		8
7RC14197	11J02		48	86611046	04B01		17
	11J02		48	86611280	04B01		17
7RT4215	04B01		6	86614726	11J02		57
7RT4230	04B01		10	86618152	11J01		45
81465471	06B01		46	86618153	11J01		45
	08A01		9	86620203	11C01		37
81804773	07A01		18	86626502	04A02		18
	07A02		27	86633395	11H01		15C
81815739	01A01		1	86639463	11H01		15A
81A10206	11B01		49	86639464	11H01		15B
	11B02		44	86979850	06G01		25
	11B03		34	86979851	06G01		24
81A10208	11B01		50	86979852	06G01		1A
	11B02		45	86979853	06G01		1A
	11B03		35	87073S94	03C02		24
81T2042	02A01		11	87336	05D01		9
81T2104	02A01		16	87381S	06G01		28
81T2108	02A01		17	87414	05D01		6
82006575	01A01		2	87761981	06B01A		

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	11D01	2		8N12120	11D02		9
87971S	06E01	16		8N12127B	11D02		
88011	03C01	24			11J02		38
88071	09C01	6		8N12175	11D02		15
88367S8	06B01	52A		8N12176	11D02		16
	06F01	13		8N12209	11D02		22
88376S8	08B01	3		8N12213	11D02		28
	08B02	3			11D02		36
88403S2	06B01	50		8N12259	11J02		38E
88403S43	06F01	4		8N12261A	11D02		37
88463S7	04A01	7		8N12283B	11J02		38G
8BA6507A	06B01A			8N12286B	11J02		38I
	06C01	29			11J02		42
8BA6510B	06B01A			8N12287C	11J02		38J
	06B01A				11J02		43
	06B01A			8N12298	11J02		38K
	06B01A				11J02		45
	06B01A			8N12311A	11D02		38
	06C01	30		8N13423	11H01		16
8BA6514	06C01	33		8N14300B	11J01		38
8BA6571	06B01A				11J02		49
	06B01A			8N14405	11H01		25
	06B01A			8N14565	11H01		27
	06B01A			8N16470	14A01		1
	06B01A			8N16486	14A01		7
	06C01	36		8N17045A	06C01		35G
8EQ12135A	11D02	10		8N17046A	06C01		35H
8EQ6550B	06C01	35F		8N17360A1	12A01		1
	06C01	35I		8N17365	12A01		2
8L18954	11H01	33		8N17368B	12A01		4
8M2049	02A02	4		8N18185A	06G01		7
8M3332	03A01	26		8N18187A	06G01		10
8N10000BLPR	11B01			8N18190	06G01		15
	11B02			8N18191A	06G01		19
	11J01	1		8N18222	06G01		29
8N10001LPR	11B03			8N18666	06E01		15B
	11J02	2		8N2007A	02A02		
8N10050	11B02	3		8N2007B	02A02		
	11B03	2		8N2027A	02A02		1
8N10130A	11B03	12		8N2048	02A02		3
8N10138A	11B02	17		8N2200B	02A02		6
8N10138B	11B03	13		8N2212B	02A02		7
8N10145	11B01	24		8N2217	02A02		8
	11B02	19		8N2223	02A02		9
8N10151C	11B03	17		8N2224	02A02		10
	11J02	3			02B02		1
8N1015D	01A01	2		8N2246	02B02		1A
8N10175B	11B03	28		8N2247	02B02		2
8N10500	11J01	1A		8N2255	02A02		11
8N10505C	11J01	3		8N2297B	02A02		12
	11J02	4		8N2299	02A02		13
8N10728	11J01	10		8N2322	02B02		9
	11J02	11		8N2324	02B02		10
8N10732	11J01	14		8N2455	02B02		12
	11J02	14A		8N2456A	02B02		13
8N10879	12A01A			8N2465	02B02		15
8N11001R	11C01	6		8N2786	02B02		20
	11J02	19		8N2796	02B02		21
8N11113	11J01	18		8N3006A	03A01		2
	11J02	20		8N3105B	03A01		14
8N11115	11J01	19		8N3106B	03A01		15
	11J02	21		8N3130A	03A01		23
8N11130	11C01	22		8N3270A	03A01		25
8N1126	04A02	24		8N3270C	03A01		25
8N11450	11C01	33		8N3314D	03A01		33
	11J02	22		8N33544A	03C02		32
8N11500	07B02	28		8N33544B	03C02		32
	11J01	20		8N33544C	03C02		32
	11J02	23		8N33544D	03C02		32
8N11529	07B02	29		8N33545	03C02		33
	11J01	26		8N33546	03C02		36
	11J02	28		8N33581	03C02		37
8N1156A2	01B01	9		8N3509B	03C02		4
8N11653A	11H01	1		8N3518	03C01		5
8N11653B	11H01	1			03C02		10
8N11654B	11H01	3		8N3520	03C01		6

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8N3527A	03C01		8	8N6065A	06B01		10A
8N3545A	03C01		11	8N6087	06B01		11
8N3548B	03C01		1	8N6108B	06C01		2
	03C02		1	8N6108D	06C01		2
8N3552	03C01		14	8N6108E	06C01		2
	03C02		16	8N6108F	06C01		2
8N3570	03C01		15	8N6129	06B01		56
	03C02		18		11B03		45
8N3571	03C01		16	8N6149B	06C01		5
	03C02		19	8N6149G	06C01		5
8N3575A	03C01		17	8N6149H	06C01		5
8N3575B	03C02		20	8N6250	06C01		10
8N3576A	03C01		18	8N625ARP	10A01		23
8N3576B	03C02		21	8N625B	10A01		23
8N3578	03C01		19	8N6276	06C01		15
	03C02		22	8N6346A	06B01		18
8N3579	03C01		20	8N6375	06C01		23
8N3581A	03C01		21	8N638	10A01		31
8N3584A	03C01		22	8N640A2	10A01		32
8N3584B	03C02		23	8N640B	10A01		32
8N3590A	03C01		27	8N640C	10A01		32
8N3595C	03C01		26	8N640D	10A01		32
	03C02		28	8N640E	10A01		32
8N3595D	03C01		26	8N643	10A01		36
	03C02		28	8N6505A	06C01		28
8N3679C	03B01		33	8N6505C	06B01A		
	11J01		2		06B01A		
	11J02		1		06B01A		
8N4110	04C01		9A		06B01A		
8N4124B	04A02		4		06B01A		
8N4187	04A02		7A		06C01		28
8N4194	04C01		13		06C01		35C
8N4201A	04B01		1	8N6513	06B01A		
8N4210A	04B01		3		06B01A		
8N4225	04A02		11		06B01A		
8N4229D	04A01		10A		06B01A		
	04A02		12		06B01A		
8N4229E	04A01		10B		06C01		32
	04A02		12		06C01		32
8N4229F	04A01		10C	8N6546B	06C01		35A
	04A02		12	8N6603	06C01		37
8N4233A	04A02		13	8N6610	06B01A		
8N4235C	04A02		14		06B01A		
8N4284	04A02		17		06C01		39
8N4293	04A02		19	8N6614	06B01A		
8N44068	04A02		21		06B01A		
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8N4609B	04B01		13	8N6700	06B01		33
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	05C01		1	8N6701	06B01		34
8N486B	04C01		1		06B01A		
	05C01		2	8N6702	06B01		35
8N494	05C01		4		06B01A		
8N497	05C01		5	8N6707	06B01		36
8N501	05A01		1		06B01A		
8N504	05B01		3	8N6710	06B01		37
8N517	05A01		14		06B01A		
8N539B	05B01		17	8N6711	06B01		38
8N540A2	05B01		19		06B01A		
8N541B	05A01		33	8N6722	06B01		55
8N545B	05B01		25		06E01		5
8N6008	06B01A			8N6734	06B01		40
	06B01A				06B01A		
	06B01A			8N6763B	06B01		42
	06B01A			8N6782A	06B01		63
	06B01A			8N680	05B01		32
8N6017B	06B01A		6	8N683	05B01		33
8N6018	06B01		1	8N684	05B01		35
	06B01A		3	8N685	05B01		36
	06B01A			8N689	05B01		38
8N6019B	06B01		4	8N690	05B01		39
8N6020C	06B01		5	8N691	05B01		41
	06B01A			8N692	05B01		42
8N6050A	06B01		7	8N693	05B01		43
8N6051A	06B01		8	8N695BRP	10A01		1
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8N698G	10A01		5		09C01		34
8N7010	07C01		5	8NNN14448A	11J02		60
8N7011	03B01		31	8RT6514B	06C01		33
	07C01		6		06C01		35E
	10A01		7	91A10057	11B03		4
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8N7052A2	07A01		5		11D01		5
	07A02		6	91A12146	11D01		14
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8N7071A	07A02		11	91A12177	11D01		26
8N7071B	07A02		12	91A12179	11D01		25
8N7100	07A02		17	91A12212	11D01		30
8N7102	07A02		18	91A6258	06C01		14
8N7105B	07A02		19	91A6266	06B01		12
8N7108	07A02		21	91A6335	06B01		16
8N7110	07A02		22	91A7550	07C01		21
8N7111	07A02		23	957E3287	03A01		30
8N7112	07A02		24	957E527	05A01		29
8N7113B	07A02		25	957E554B	05D01		3
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8N7148	07A02		37	957E597	05D01		20
8N7149	07A02		38	9613418DS	11J01		7
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8N7225	07B02		9	9828014	03B01		36
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8N7508B	02B02		23	9N10122	11B01		18
8N7533	07C01		18	9N10128B	11B01		19
8N7563	07C01		24		11B02		12
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	07D01		17	9N10138C	11B01		22
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	09C01	29		9N12104	11D01		5
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8N9689	09C01	26A		9N12107	11D01		2
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	09C01	30		9N12140A	11D01		31
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	03C02	50		9N12143	06B01A		
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	03C02	45			11D01		6
8N9806	03C01	48			11E01		1
	03C02	56		9N12144	11D01		12
8N9807	03C01	52		9N12150	11D01		17
	03C02	59		9N12151	11D01		20
8N9815	06G01	34		9N12187	11D01		24
8N9827	03C01	49		9N12188	11D01		28
	03C02	57		9N12259A	11J01		30A
8N9855	03C01	42		9N12259B	11J01		30G
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8N9889A	03C01	34		9N12276B	11D01		31
	03C02	43			11D01		8

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	11J01		32	9N3563B	03B01		15
9N12284	11J01		30C	9N3573	03B01		17
	11J01		30I	9N3593B	03B01		18
9N12286	11J01		30F	9N3594	03B01		19
	11J01		30L	9N3660	03B01		23
	11J01		34	9N3661	03B01		24
9N12287A	11J01		30D	9N3669	03B01		25
	11J01		35	9N3670	03B01		27
9N12287B	11J01		30J	9N3685B	03B01		35
	11J01		35		11J01		2B
9N13045	11G01		12		11J02		1B
9N13075	11G01		15	9N3699	03B01		29
9N13445	11G01		18	9N4124	04A01		6
9N14300C	11J01		38	9N4131	04C01		10
	11J01		38		07D01		21
	11J02		49	9N4132	04A01		8
9N16625	14B01		23	9N4150	04C01		11
9N16656	14B01		25	9N4201	04B01		1
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9N17014	14B01		33	9N4234B	04A01		11
9N17040	14B01		37	9N4662	04C01		18
9N17668	11H01		26	9N505	05C01		6
	12A01A			9N508B	05C01		7
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9N18182	06G01		3	9N515A3	05A01		11
9N18183	06G01		4	9N517	05A01		14
9N18184	06G01		5	9N520	05A01		22
9N18185C	06G01		7	9N521	05A01		24
9N18186B	06G01		1B	9N523A	04A01		20
	06G01		9	9N523B	04A01		20
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	06G01		1E	9N525B	05A01		28
9N18188B	06G01		13	9N5260	06D01		7
	06G01		1C	9N530B	05B01		15
9N18189	06G01		14	9N531C	05B01		16
9N18190	06G01		15	9N532	05A01		32
9N18192	06G01		20	9N540	05B01		18
9N18194	06G01		21	9N543B	05B01		23
9N18196	06G01		23	9N546C	05A01		34
9N18224	06G01		31	9N547B	05A01		36
9N18235	06G01		32	9N550	05B01		26
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	06G01		33	9N552	05B01		29
9N18678	06E01		17A	9N553	05B01		30
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9N2217	02A01		20	9N595	05D01		12
9N2219A	02A01		1		05D01		12
	02A01		21	9N6017	06B01		1
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9N2248	02B01		3		06B01A		
9N2252	02A01		23	9N6022	06B01A		
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	02B01		16	9N609	10A01		12
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9N3029A	03A01		9	9N613	10A01		14
9N3122	03A01		18	9N615	10A01		16
9N3270B	03A01		25	9N617A	10A01		17
9N3440	07C01		29	9N618A	10A01		18
9N3517	03B01		1	9N6200B	06C01		6
9N3525	03B01		2	9N621	10A01		19
9N3526	03B01		5	9N6211A	06C01		8
9N3527	03B01		6	9N6211B	06C01		8
9N3528	03A01		38	9N6211C	06C01		8
9N3540	03B01		7	9N6211D	06C01		8
9N3543A	03B01		8	9N6211E	06C01		8

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9N625C	10A01		23		07A02		42
9N626	10A01		24		07D01		2
9N627	10A01		25	9N719	07A02		47
9N628	10A01		26		07D01		7
9N629	10A01		27	9N720	07D01		9
9N6303A	06C01		16	9N7209	07B01		1
9N632	10A01		28	9N7221B	04C01		28
9N6325	06C01		19		07B01		2
9N6331A	06C01		21		07B02		7
9N6331B	06C01		21	9N7223A	03B01		32
9N6331C	06C01		21	9N7223B	03B01		32
9N6331D	06C01		21		07C01		34
9N6331E	06C01		21	9N7227B	07B01		3
9N6331F	06C01		21		07B02		10
9N6331G	06C01		21	9N7228A2	07B01		4
9N6331H	06C01		21		07B02		11
9N6333A	06C01		22	9N7229B	07B01		5
9N6333B	06C01		22		07B01		5
9N6333C	06C01		22	9N723	07D01		14
9N6333D	06C01		22	9N7230A	07B01		8
9N6333E	06C01		22	9N7230B	07B01		8
9N6333F	06C01		22	9N7231A	07B01		9
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9N636	10A01		30	9N724	07E01		5
9N6384	06C01		25	9N7240A	07B01		12
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	06B01A			9N735B	07E01		16
	06B01A			9N7508	02B01		18
	06B01A			9N7511	07C01		15
	06C01	38		9N7520	02B01		19
	06C01	38		9N754	07A02		51
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	06B01A				07E01		17
	06B01A			9N7561	07C01		22
	06B01A			9N7562	07C01		23
	06B01A			9N8100	08A01		8
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	07B02	27			08B02		14
	07C01	5		9N8600D	08B01		16
	10A01	6			08B02		14
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	07A02	10		9N9161	09A01		14
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	07A02	13		9N9425	06B01		47
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	07A02	16		9N9530	09C01		9
	07A02	16		9N9533	09C01		10
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9N7134	07A01	19			09C01		26A
	07A02	28		9N9541	09C01		13

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	09C01		26B		06B01A		
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	09C01		26B		06B01A		
	09C01		37	APN6055E	06B01A		
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	09C01		26B	APN6600B	06C01		48
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	09C01		26A	APN9590B	09C01		26B
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	09C01		28		11H01		29
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9N9819A	03B01		41	B5NN9658A	09D01		12
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	11J02		46	BB4626D	04B01		18
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	06B01A			BB4667	04B01		22
	06B01A			C0NN12200A	11D02		21
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A0NN6333A	06C01		22	C0NN808A	05C01		33
A0NN6500A	06C01		27	C20Z6734A	10A01		15
	06C01		35B	C2AF10120A	11B01		15
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	11J01		29	C3AF11050A	11C01		9
A8NN12250B	11J01		29	C3NN400C	13A01		1
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A8NN4251A	04A02		16		07A01		22
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AJ3576A	03C02		17		07A02		31
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	06B01A				07A01		22
	06B01A				07A02		31
	06B01A				07A02		31
	11D02		36		07A01		22
	11J02		46	C3NN7135C	07A01		22
AL82	11D01		31		07A02		31
	11J01		36		07A02		31
APN12000A	11D01			C3NN9516A	09C01		26A
	11D01		31		09C01		8
APN12603	11E01		11	C3NN9564A	09C01		19
APN17000A	14B01		38		09C01		26A

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C5NN1015A	01A01		2	E0NN3600AA	03B01		20
C5NN1107E	01A01		4	E0NN9590AA	09C01		26B
C5NN1N195A	03A01		1	E1ADDN522B	05A01		27
C5NN3125A	03A01		38	E27N10094B	11B01		12
C5NN3405A	03A01		36		11B02		9
C5NN3595B	03C01		26	E5NN7Z307AA	07B02		32
	03C02		28	E5NN9N208CA	09A01		6
C5NN3N442C	07C01		32	E6NN7106AA	07A02		20
C5NN3N716A	03C01		4		07A02		20
	03C02		9	E6NN7223BA	07B02		8
C5NN400AE	13A01		1		07C01		34
C5NN518B	05A01		21	E7NN400GA	13A01		1
C5NN565C	05D01		4	E8TF12029BA	11J02		29
C5NN7202B	07B02		2	E9N529	05A01		31
C5NN7213A	07B02		5	EAF6789A	06B01		45A
C5NN7277C	07B01		14	EAF8507A	08B01		15C
	07B02		26		08B02		13C
C5NN747A	07E01		18	EAF8513A	08B01		15E
C5NN7600A	06C01		45		08B02		13E
C5NN7N236B	07B02		17	EAF8516A	08B01		15F
C5NN8125A	08A01		10		08B02		13F
C5NN9586B	09C01		25		08B02		9
C5NNC831A	05C01		28	EAM6518A	06C01		34
C5NNC832A	05C01		29		06C01		35D
C7NF11102A	11C01		18	EBPN6149A	06C01		5
C7NN14321A	11J01		44	EBPN6149D	06C01		5
	11J02		56	EC0N5230AA	06D01		1
C7NN3N406A	07C01		29	EC0N585A	05D01		14
C7NN647A	10A01		41	EC0N660A	05D01		23
C7NN8N043A	03C01		40	EC0N8100AA	08A01		8
	03C02		49	F1NN1036KA	01B01		7
C9AZ6212B	06C01		9	F200DS	11J01		7
CAPN12502A	06G01		1A	F220DS	11J01		7
CAPN12502B	06G01		1A		11J02		8
CAPN5200A	06D01		2	FAA10005BR	11B03		1
CBPN1200A	01A01		7	FAA10069A	11B03		5
CBPN4179A	04A02		7	FAA13102A	11G01		16
CBPN598A	05D01		15		11H01		13
CDPN8501A	08B01			FAC11083A	11C01		12
	08B02			FAD10850A	12A01A		
	08B02		13A	FAD10883E	12A01A		
CHPN13N310A	11J01		52A	FAD12152A	11D02		14
	11J02		61A		11J02		38D
CPN12000A	11D02		1	FAD13461A	11H01		19A
	11D02		36	FAD9273A	06E01		12
CPN8591B	08B01		15A		12A01A		
D1AZ11059A	11C01		11	FAE14301B	11J01		43
D1JF11005AA	11C01		7		11J02		54
D1NN14301H	11J01		43	FDN14302A	11J02		55
D2NN13A006A	11H01		12	FDS12113A	11J01		28
D3NN7241A	07B02		20		11J01		30B
D4NN545A	05B01		25		11J01		30H
D5NN4115A	04A02		16		11J02		37
D5NN7213A	07B02		5		11J02		38F
D5TE8564B1A	08B01		15H	FDT14487B	11G01		26
	08B02		11	FDV13450A	11G01		20
	08B02		13H		11H01		19
D5UZ3591A	03C01		25	FP165	05D01		16
	03C02		25	FP206	08B01		21
	03C02		25	H2041	02A02		2
D6NN10720A	11J01		9	H2092	02A02		5
	11J02		10	NAA3270A	03A01		25
D6NN13N309B	11J01		52B	NAA33271A	03A01		39
	11J02		61B	NAA473A	05B01		46
D6NN3600B	03C01		27A	NAA502A	04C01		24
	03C02		29		05A01		7
D6NN4251A	04A01		12	NAA530B	05B01		15A
D8NN11350BA	11C01		23	NAA7140A	07A02		32
D8NN12171AA	06B01A			NAA7211A	07B02		3
	06B01A			NAA722A	07A02		50
	11D02		1		07D01		13
D8NN7240AB	07B02		19	NAA7519B	02B02		24
D9NN3010EA	03A01		8	NAA7549B	07C01		19
D9NN703BB	07E01		2	NAA7550A	07C01		21
D9NN7268AA	07B02		25	NAA9160A	09A01		13
DCPN7490A	07E01		20	NAA927C	04C01		5
E0NN13A097AA	11G01		25	NCA1020B	01B01		1
	11H01		24	NCA10718A	11J01		8

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NCA10718A	11J02		9	NLS	07B02		1
NCA12106A	11D02		3		07C01		1
	11J02		35		07C01		1
NCA13402A	11H01		15		07C01		19
NCA16487A	14A01		9		07C01		7
NCA2458A	02B02		14		07D01		1
NCA404B	13A01		8		07E01		10
NCA535A	04C01		3		07E01		11
	05C01		8		07E01		12
NCA5370A	05C01		27		07E01		12
NCA544B	05B01		24		07E01		4
NCA563C	04A02		26		08A01		15
	05C01		13		08A01		19
NCA577A	05D01		2		08B01		10
NCA579B	05D01		10		08B01		13
NCA671A	05B01		30B		08B01		14
NCA7230A	07B02		13		08B01		9
NCA803B	04C01		29		08B02		7
NDA16473C	14A01		3		09A01		10
NLS	01A01		2		09A01		11
	01A01		6		09A01		18
	01B01		10		09A01		19
	01B01		8		09A01		20
	02A01		10		09A01		21
	02A01		12		09A01		7
	02A01		18		09B01		11
	02A01		24		09B01		12
	02A01		25		09B01		12
	02B01		11		09B01		13
	02B01		14		09B01		16
	02B01		4		09B01		18
	02B02		3		09B01		2
	03A01		25		09B01		20
	03A01		34		09B01		21
	03A01		39		09B01		22
	03B01		12		09B01		23
	03B01		12		09B01		28
	03B01		15		09B01		28
	03B01		42		09B01		29
	03B01		51		09B01		3
	03B01		9		09B01		32
	03B01		9		09B01		34
	03C01		30		09B01		36
	03C01		30		09B01		37
	03C01		52		09B01		38
	03C02		39		09B01		39
	03C02		39		09B01		3A
	03C02		46		09B01		3B
	03C02		59		09B01		40
	04A01		1		09B01		41
	04A01		2		09B01		42
	04A02		14		09B01		44
	04C01		14		09B01		45
	04C01		26		09B01		46
	05A01		11		09B01		47
	05A01		13		09B01		49
	05A01		13		09B01		50
	05A01		15		09C01		26B
	05A01		6		09C01		33
	06B01A				09C01		36A
	06B01A				09C01		36B
	06C01		1		09C01		36C
	06C01		1		09C01		36D
	06C01		38		09D01		1C
	06E01		17		09D01		7
	06E01		6		09D01		7
	06F01		10		09D01		7
	06F01		14		10A01		17
	06F01		8		10A01		17
	06F01		9		10A01		38
	06G01		14		10A01		42
	06G01		19		10A01		42
	06G01		24		10A01		8
	06G01		25		11A01		10
	06G01		7		11A01		11
	06G01		8		11A01		12
	07A02		41		11A01		15
	07B01		5		11A01		4

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NLS	11A01		6	NLS	11J02		66
	11A01		7		12A01		3
	11A01		8		12A01		6
	11A01		8		12A01A		
	11A01		9		13A01		7
	11B01		1		13A01		8
	11B01		23		13A01		9
	11B01		29		14B01		12
	11B01		30		14B01		18
	11B01		31		14B01		24
	11B01		37		14B01		31
	11B01		38	NS	03A01		3
	11B01		39		03A01		3
	11B01		3A		04A02		
	11B01		3B		04A02		
	11B01		5		04C01		5
	11B01		52		04C01		6
	11B02		10		05A01		1
	11B02		18		05A01		38
	11B02		24		05B01		1
	11B02		25		06B01		30
	11B02		26		06B01		53
	11B02		32		06C01		20
	11B02		34		06C01		21
	11B02		4		06C01		22
	11B03		14		06C01		33
	11B03		15		06C01		5
	11B03		16		06D01		1
	11C01		22		06E01		10
	11C01		32		06E01		17
	11C01		38		06E01		4
	11C01		39		06F01		1
	11C01		40		06F01		17
	11D01		10		06G01		27
	11D01		14A		07E01		1
	11D01		15		08A01		7
	11D01		27		09B01		43
	11D01		9B		09B01		52
	11D02		38		09B01		53
	11D02		38		09B01		9
	11D02		38		09C01		2
	11D02		38		09D01		1
	11D02		38		09D01		11
	11D02		8		09D01		11
	11E01		11		09D01		6
	11E01		11		09D01		6
	11E01		12		09D01		8
	11E01		14		10A01		8
	11E01		2		10A01		8
	11E01		6		11A01		
	11F01		7		11B01		14
	11G01		11		11B01		17
	11G01		13		11B01		20
	11G01		19		11B01		21
	11G01		23		11B01		36
	11G01		24		11B01		43
	11H01		2		11B01		53
	11H01		21		11B02		31
	11H01		22		11B02		38
	11H01		23		11C01		26
	11H01		30		11E01		13
	11J01				11E01		15
	11J01		17A		11E01		4
	11J01		23		11E01		5
	11J01		23		11E01		7
	11J01		26E		11F01		1
	11J01		33		11F01		4
	11J01		43A		11G01		10
	11J01		47		11G01		3
	11J01		48		11G01		6
	11J01		48		11H01		18
	11J01		50A		11H01		31
	11J01		52C		11H01		31
	11J02		27		11J01		10
	11J02		27		11J01		10
	11J02		36		11J01		17B
	11J02		38H		11J01		33
	11J02		61C		11J01		34

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NS	11J01		35	PL	03B01		13
	11J01		37A		03B01		25
	11J01		3C		03B01		26
	11J01		3D		03B01		3
	11J01		43B		03B01		34
	11J01		48A		03B01		38
	11J01		48A		03B01		4
	11J01		49		03B01		40
	11J01		50		03B01		43
	11J02		40		03B01		44
	11J02		41		03B01		45
	11J02		8		03B01		47
	12A01		1		03B01		48
	12A01		3A		03C01		10
	12A01A				03C01		12
	14B01		12		03C01		13
	14B01		14		03C01		2
	14B01		14		03C01		23
	14B01		19		03C01		3
	14B01		36		03C01		3
	14B01		4		03C01		31
	14B01		5		03C01		32
NSS	09B01		1		03C01		33
	09B01		14		03C01		35
	09B01		19		03C01		37
	09C01		21		03C01		38
PL	01B01		11		03C01		39
	01B01		12		03C01		44
	01B01		6		03C01		45
	02A01		19		03C01		46
	02A01		26		03C01		47
	02A01		4		03C01		50
	02A01		5		03C01		51
	02B01		10		03C01		53
	02B01		12		03C01		54
	02B01		13		03C01		9
	02B01		17		03C02		14
	02B01		5		03C02		15
	02B01		6		03C02		2
	02B01		7		03C02		3
	02B01		8		03C02		34
	02B01		9		03C02		35
	02B02		11		03C02		40
	02B02		11		03C02		41
	02B02		11		03C02		42
	02B02		16		03C02		44
	02B02		17		03C02		47
	02B02		18		03C02		48
	02B02		19		03C02		5
	02B02		22		03C02		52
	02B02		26		03C02		53
	02B02		27		03C02		54
	02B02		4		03C02		55
	02B02		5		03C02		58
	02B02		6		03C02		6
	02B02		7		03C02		60
	02B02		8		03C02		61
	03A01		10		03C02		7
	03A01		11		03C02		8
	03A01		12		03C02		8
	03A01		16		04A01		15
	03A01		21		04A01		16
	03A01		22		04A01		18
	03A01		24		04A01		19
	03A01		24		04A01		3
	03A01		27		04A01		4
	03A01		28		04A02		1
	03A01		29		04A02		20
	03A01		31A		04A02		27
	03A01		37		04A02		28
	03A01		40		04A02		2A
	03A01		41		04A02		31
	03A01		42		04A02		32
	03A01		43		04A02		33
	03A01		5		04A02		5
	03A01		7		04A02		5
	03B01		10		04A02		5
	03B01		11		04B01		15

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	04B01		23		06B01		57
	04B01		4		06B01		58
	04C01		12		06B01		59
	04C01		15		06B01		6
	04C01		16		06B01		60
	04C01		2		06B01		61
	04C01		20		06C01		18
	04C01		20		06C01		43
	04C01		20		06D01		10
	04C01		21		06D01		11
	04C01		22		06D01		3
	04C01		23		06D01		4
	04C01		30		06D01		5
	04C01		7		06D01		8
	04C01		8		06D01		9
	04C01		9		06E01		
	05A01		10		06E01		13
	05A01		12		06E01		14
	05A01		16		06E01		15
	05A01		17		06E01		2
	05A01		18		06E01		3
	05A01		2		06F01		11
	05A01		20		06F01		12
	05A01		20A		06F01		15
	05A01		20B		06F01		16
	05A01		23		06F01		18
	05A01		25		06F01		2
	05A01		3		06F01		3
	05A01		30		06F01		5
	05A01		35		06F01		6
	05A01		4		06F01		7
	05A01		42		06F01		9A
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	05B01		10		06G01		16
	05B01		13		06G01		17
	05B01		14		06G01		22
	05B01		17		06G01		8
	05B01		2		07A01		11
	05B01		2		07A01		20
	05B01		2		07A01		25
	05B01		2		07A01		26
	05B01		20		07A01		28
	05B01		21		07A01		29
	05B01		27		07A01		3
	05B01		30A		07A01		4
	05B01		3A		07A02		14
	05B01		4		07A02		29
	05B01		40		07A02		4
	05B01		42A		07A02		43
	05B01		42B		07A02		44
	05B01		45		07A02		48
	05B01		6		07A02		49
	05B01		7		07A02		5
	05B01		9		07A02		53
	05C01		12A		07B01		6
	05C01		24		07B01		7
	05C01		3		07B02		23
	05C01		31		07B02		31
	05C01		32		07B02		4
	05C01		9		07C01		10
	05D01		13		07C01		11
	05D01		17		07C01		2
	05D01		21		07C01		25
	05D01		22		07C01		28
	06B01		11		07C01		3
	06B01		19		07C01		30
	06B01		2		07C01		30
	06B01		2		07C01		31
	06B01		23		07C01		33
	06B01		24		07C01		4
	06B01		25		07C01		8
	06B01		31		07C01		9
	06B01		32		07D01		11
	06B01		45		07D01		12
	06B01		48		07D01		3
	06B01		49		07D01		4
	06B01		4A		07D01		4

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	07E01		14		11B01		9
	07E01		8		11B02		11
	07E01		9		11B02		14
	08A01		12		11B02		15
	08A01		13		11B02		20
	08A01		2		11B02		21
	08A01		3		11B02		22
	08A01		4		11B02		23
	08B01		1		11B02		27
	08B01		17		11B02		28
	08B01		18		11B02		29
	08B01		2		11B02		30
	08B01		6		11B02		35
	08B01		7		11B02		36
	08B02		1		11B02		40
	08B02		15		11B02		41
	08B02		16B		11B02		43
	08B02		2		11B02		47
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