



JAGUAR

WIRING SCHEMATICS FOR

MARK 10 3.8 & 4.2 1961-66 *S-Type* 1963-68 420 1966-68

These models share a common base schematic, information for MK10 3.8 & S type are combined, MK10 4.2 & 420 are combined.

Items listed on the index pages are not all fitted to all models

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HOW TO CONVERT TO NEGATIVE GROUND

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[steering lock circuit s-type](#)

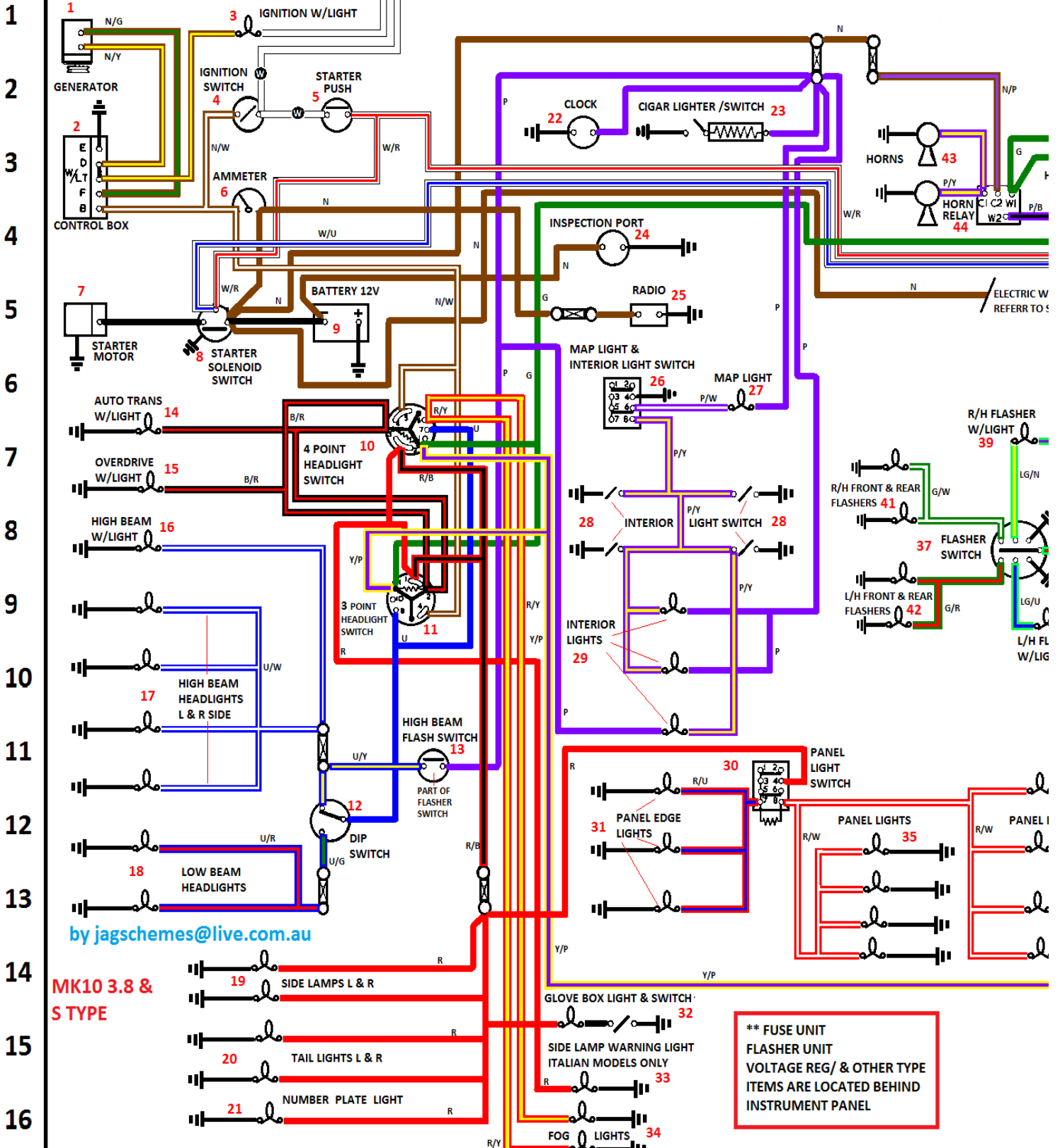
INDEX MK 10 4.2 & 420

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ITEM	#	GRID	ITEM	#	GRID
AMMETER	6	C 4	IGNITION COILS	70	X 2
ANTI CREEP BRAKE SWITCH	64	S 12	IGNITION SWITCH	4	C 2
ANTI CREEP VALVE SOLENOID	65	U 12	IGNITION W/LIGHT	3	C 1
AUTO TRANS SAFETY SWITCH	66	U 14	INSPECTION PORT	24	H 4
AUTO TRANS W/LIGHT	14	B 7	INST/VOLTAGE STABILISER	57	T 8
BATTERY	9	D 5	INTERIOR LIGHT SWITCH	26	H 6
BRAKE FLUID LEVEL SWITCHES	74	Z 3	INTERIOR LIGHT SWITCH X4	28	H-K-8
CHOKE SOLENOID	62	U 11	INTERIOR LIGHTS	29	J 10
CHOKE SWITCH	61	R 11	INTERMEDIATE GEAR SELECTOR SOLENOID	67	R 15
CIGAR LIGHTER	23	K 3	INTERMEDIATE GEAR SELECTOR SWITCH	67	T 15
CLOCK	22	H 3	LOW BEAM HEADLIGHTS	18	B 13
CONTROL BOX	2	A 3	MAP LIGHT	27	K 6
DISTRIBUTOR	71	Z 2	MAP LIGHT SWITCH	26	H 6
FLASHER SWITCH	37	N 8	NUMBER PLATE LIGHT	21	C 16
FLASHER UNIT	40	P 7	OIL PRESSURE GAUGE	58	U 9
FLASHER W/LIGHT L/H	38	P 9	OIL PRESSURE SENDER	58	S 9
FLASHER W/LIGHT R/H	39	P 7	OVERDRIVE CONTROL SWITCH	77	W 7
FLASHERS L/H FRONT & REAR	42	M 9	OVERDRIVE G/BOX SWITCH	78	Z 7
FLASHERS R/H FRONT & REAR	41	M 7	OVERDRIVE SOLENOID	79	Z 8
FOG LIGHTS	34	H 16	OVERDRIVE W/LIGHT	15	B 7
FUEL GAUGE	55	T 7	PANEL EDGE LIGHTS	31	J 12
FUEL PUMP L/H	51	R 5	PANEL LIGHT SWITCH	30	K 12
FUEL PUMP R/H	50	R 4	PANEL LIGHTS	35-36	M-P-13
FUEL TANK CHANGEOVER SWITCH	54	T 6	RADIO	25	H 5
FUEL TANK SENDER L/H	52	R 6	REAR WINDOW HEATER	75	Z 4
FUEL TANK SENDER R/H	53	R 7	REVERSE LIGHT SWITCH	80	X 9
GENERATOR	1	A 1	REVERSE LIGHTS	81	Y 10
GENERATOR WARNING	76	W 5	SIDE LAMP (ITALIAN MOD/ONLY)	33	H 16
GLOVE BOX LIGHT & SWITCH	32	H 15	SIDE LAMPS L/R	19	C 14
HAND BRAKE W/LIGHT	72	X 3	STARTER MOTOR	7	A 5
HAND BRAKE W/LIGHT SWITCH	73	X 3	STARTER PUSH	5	D 2
HEADLIGHT DIP SWITCH	12	D 12	STARTER SOLENOID SWITCH	8	C 5
HEADLIGHT SWITCH 3 POINT	11	E 9	STOP LIGHT SWITCH	60	U 11
HEADLIGHT SWITCH 4 POINT	10	E 7	STOP LIGHTS	59	R 10
HEATER MOTOR SWITCH	68	V 15	TACHOMETER	82	Z 6
HEATER MOTORS	69	R 16	TAIL LIGHTS	20	C 15
HIGH BEAM FLASH SWITCH	13	F 11	THROTTLE SWITCH	63	R 12
HIGH BEAM HEADLIGHTS L & R	17	B9-11	W/SCREEN WASHER MOTOR	49	R 3
HIGH BEAM W/LIGHT	16	B 8	W/SCREEN WASHER SWITCH	49	T 3
HORN PUSH	45	P 3	WATER TEMP GAUGE	56	T 8
HORN RELAY	44	N 4	WATER TEMP SENDER	56	R 8
HORN SLIP RING	46	P 4	WINDSCREEN WIPER MOTOR	48	T 2
HORNS	43	M 3	WINDSCREEN WIPER SWITCH	47	R 2

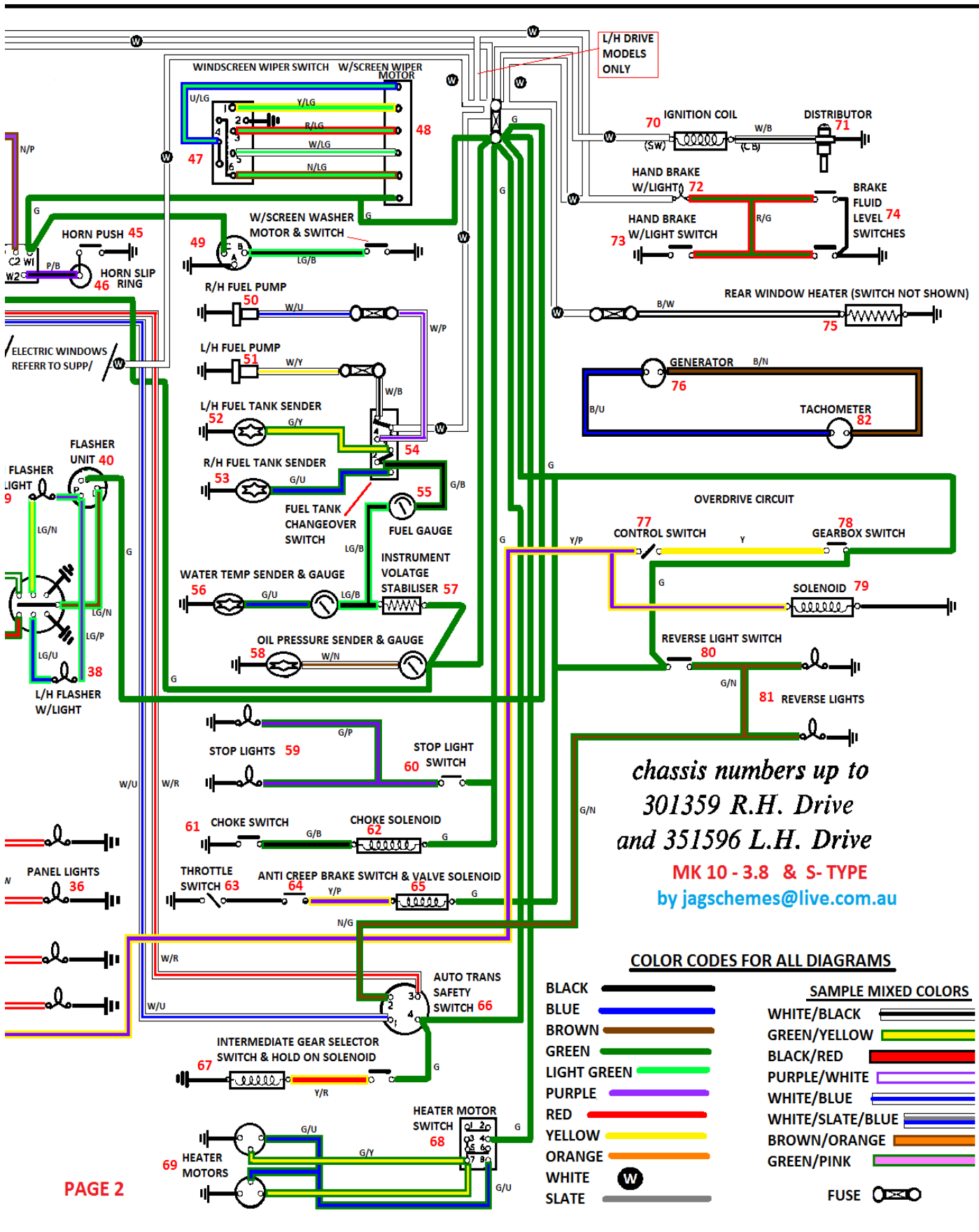
A B C D E F G H J K L M N



chassis numbers up to 301359 R.H. Drive and 351596 L.H. Drive

A B C D E F G H J K L M N

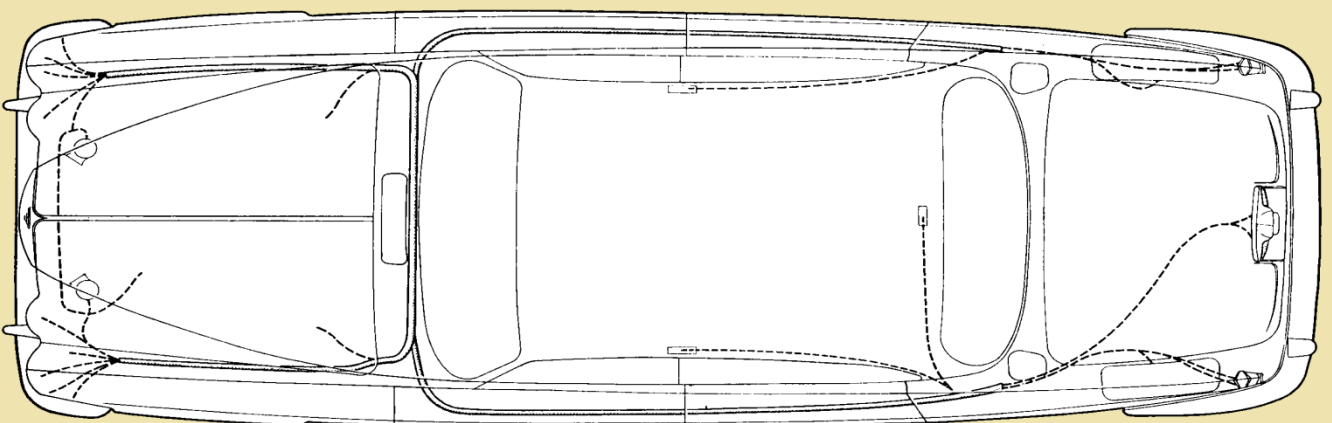
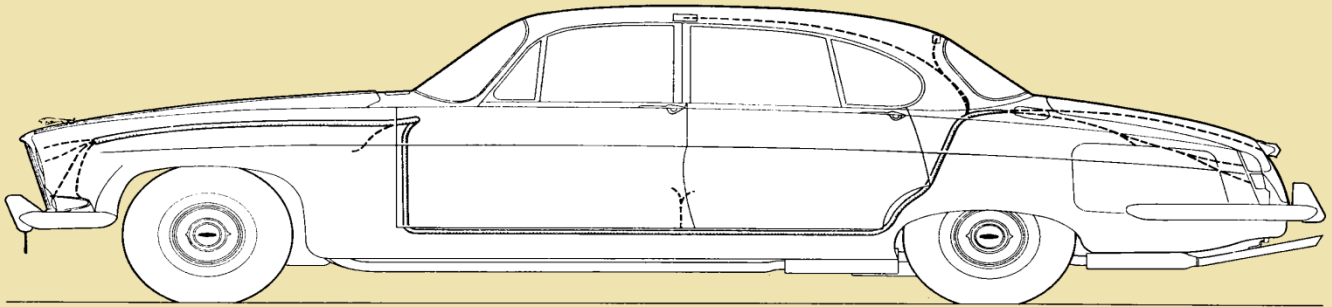
I P Q R S T U V W X Y Z



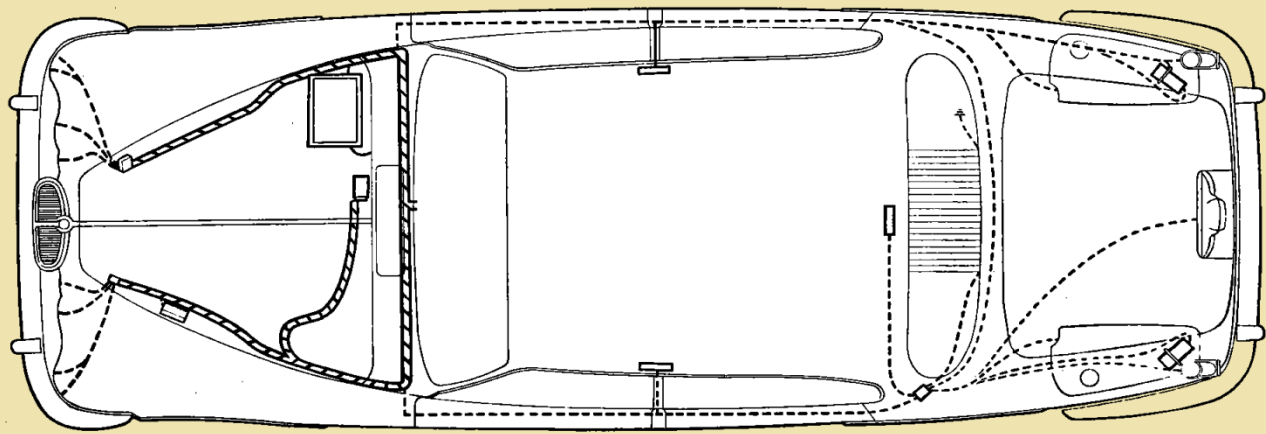
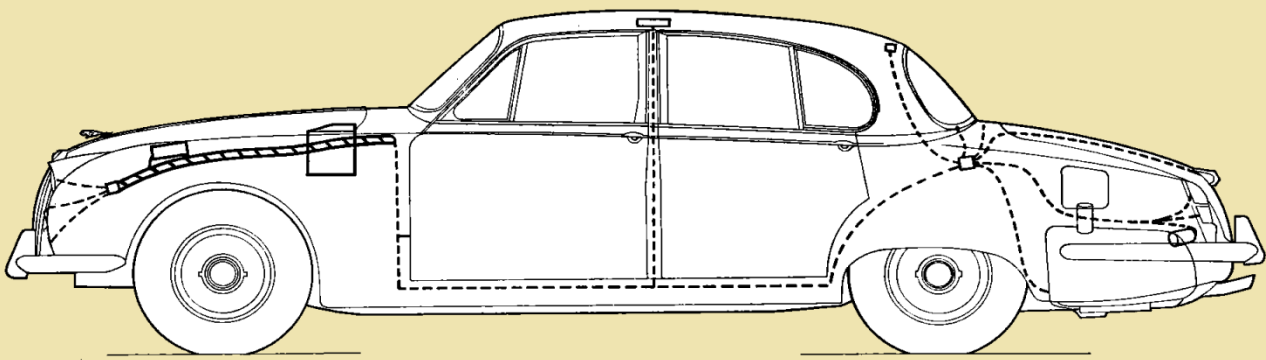
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chassis numbers up to
 301359 R.H. Drive
 and 351596 L.H. Drive
 MK 10 - 3.8 & S-TYPE
 by jagschemes@live.com.au

I P Q R S T U V W X Y Z



3.8 LITRE HARNESS



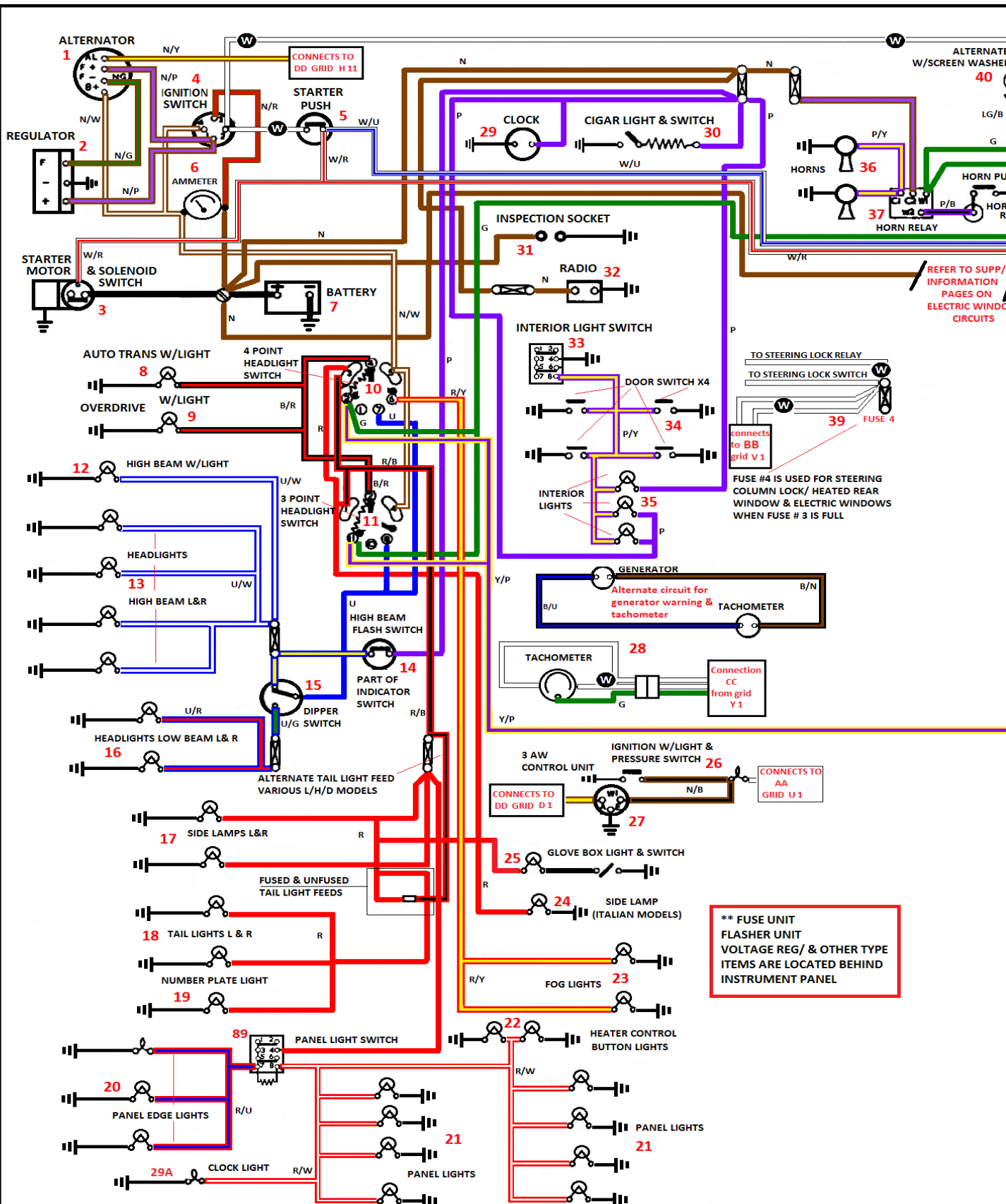
S TYPE 1963 - 68 HARNESS

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ITEM	#	GRID	ITEM	#	GRID
AIR CON RELAY	71	W 15	HIGH BEAM FLASH SWITCH	14	E 9
AIR CON UNIT	72	Y 16	HIGH BEAM W/LIGHT	12	B 6
ALTERNATOR	1	B 1	HORN RELAY	37	M 3
AMMETER	6	C 3	HORN SLIP RING	38	N 3
AUTO TRANS SAFETY SWITCH	58	Q 10	HORNS	36	M 3
AUTO TRANS SWITCH RELAY	57	T 10	IGNITION COIL	73	X 13
AUTO TRANS W/LIGHT	8	C 5	IGNITION SWITCH	4	C 2
BATTERY	7	D 4	IGNITION W/LIGHT & PRESSURE SWITCH	26	K 11
BRAKE FLUID SWITCHES	77	X 3	INSPECTION SOCKET	31	H 4
CHOKE SOLENOID	56	S 9	INST/VOLTAGE STABILISER	88	S 6
CHOKE SWITCH	55	Q 9	INTERIOR LIGHT SWITCH	33	H 5
CIGAR LIGHTER	30	J 2	INTERIOR LIGHTS	35	J 7
CLOCK LIGHT	29A	C 15	NUMBER PLATE LIGHT	19	C 13
CLOCK LIGHT	29	G 2	OIL PRESSURE GAUGE	52	S 7
CONTROL UNIT 3AW	27	H 11	OIL PRESSURE SENDER	51	R 7
DIPPER SWITCH	15	D 9	OVERDRIVE CONTROL SWITCH	82	V 6
DISTRIBUTOR	74	X 2	OVERDRIVE GEARBOX SWITCH	83	X 6
DOOR SWITCHES	34	J 6	OVERDRIVE SOLENOID	84	X 7
FLASHER SWITCH	70	T 15	OVERDRIVE W/LIGHT	9	C 6
FLASHER UNIT	69	U 14	PANEL EDGE LIGHTS	20	B 14-15
FLASHER W/LIGHT L/H	65	T 15	PANEL LIGHTS	21	F-J-15
FLASHER W/LIGHT R/H	64	T 14	RADIO	32	H 4
FLASHERS L/H FRONT & REAR	62	Q 15	REAR WINDOW HEATER RELAY	81	W 5
FLASHERS R/H FRONT & REAR	61	Q 14	REAR WINDOW HEATER SWITCH	78	W 4
FOG LIGHTS	23	J 13	REAR WINDOW HEATER SWITCH	79	Y 4
FUEL GAUGE	50	S 6	REAR WINDOW HEATER W/LIGHT	80	V 5
FUEL PUMP L/H	45	Q 4	REGULATOR	2	A 3
FUEL PUMP R/H	44	Q 4	REPEATER LIGHTS	63	T 13 & 16
FUEL TANK CHANGE OVER SWITCH	87	S 5	REVERSE LIGHT SWITCH	85	V 7
FUEL TANK SENDER L/H	46	Q 5	REVERSE LIGHTS	86	V 8
FUEL TANK SENDER R/H	47	Q 5	SIDE LAMP (ITALIAN MODELS)	24	H 12
GLOVE BOX LIGHT & SWITCH	25	G 12	SIDE LAMPS	17	C 11
HANDBRAKE W/LIGHT	75	W 2	STARTER MOTOR & SOLENOID SWITCH	3	A 4
HANDBRAKE W/LIGHT SWITCH	76	W 3	STARTER PUSH	5	E 2
HAZARD FLASHER UNIT	66	X 13	STEERING LOCK FEED	39	L 5
HAZARD PILOT LIGHT	67	Y 12	STOP LIGHT SWITCH	54	S 8
HAZARD SWITCH	68	W 14	STOP LIGHTS	53	Q 8
HEADLIGHT SWITCH 3 POINT	11	E 7	TACHOMETER + ALTERNATE CIRCUIT	28	J 9
HEADLIGHT SWITCH 4 POINT	10	E 5	TAIL LIGHTS	18	C 12
HEADLIGHTS HIGH BEAM	13	B 7-9	WATER TEMP GAUGE	49	R 7
HEADLIGHTS LOW BEAM	16	B 10	WATER TEMP SENDER	48	Q 7
HEATER CONTROL BUTTON LIGHTS	22	G 14	WINDSCREEN WASHER MOTOR & SW.	43	Q 3
HEATER MOTORS SWITCH	59	T 12	WINDSCREEN WASHER MOTOR (ALT)	40	P 1
HEATER MOTORS SWITCH	60	Q 12	WINDSCREEN WIPER MOTOR	42	S 2
			WINDSCREEN WIPER SWITCH	41	Q 2

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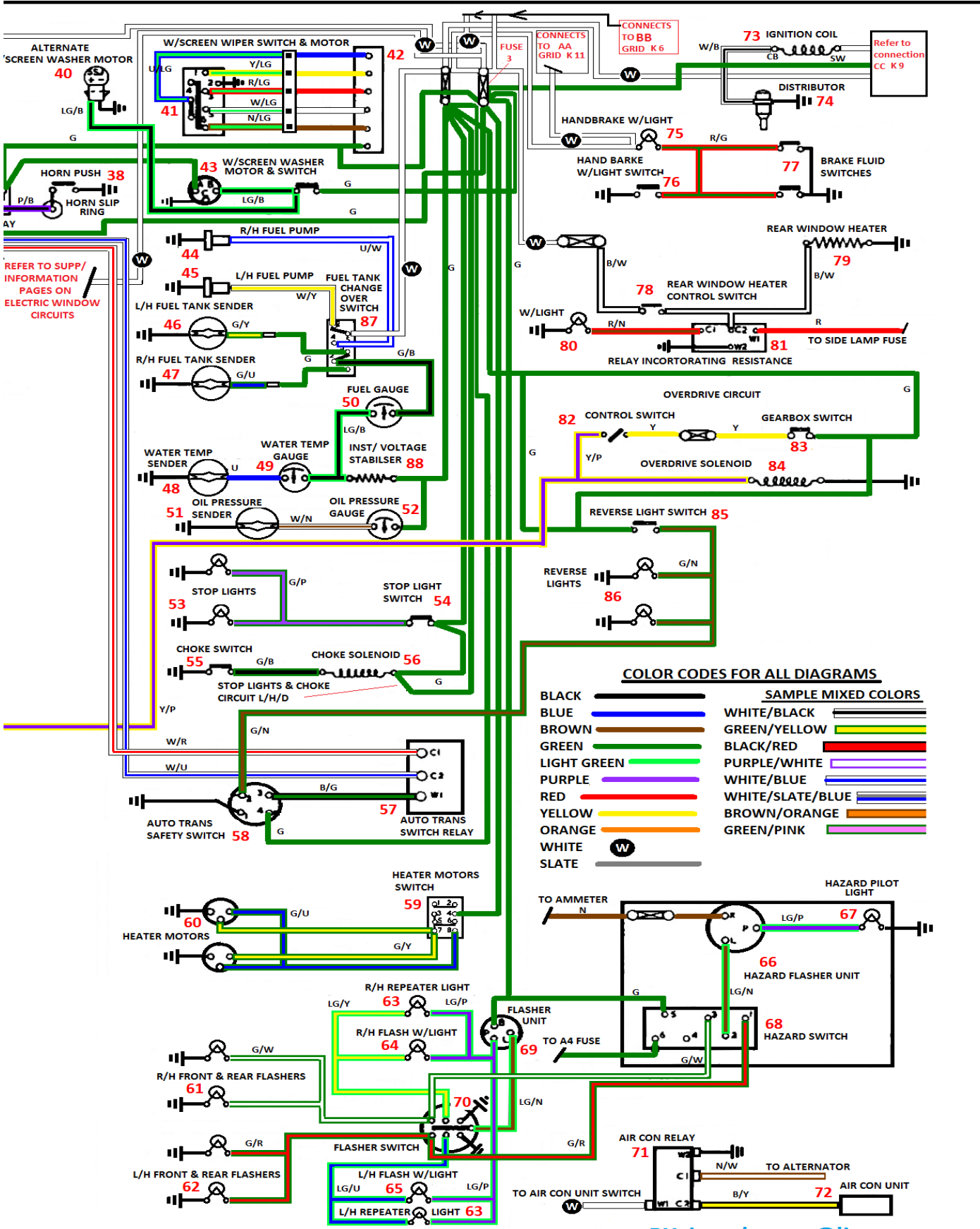


**** FUSE UNIT
FLASHER UNIT
VOLTAGE REG/ & OTHER TYPE
ITEMS ARE LOCATED BEHIND
INSTRUMENT PANEL**

MARK X - 4.2 1961-66 & 420 - 1966-68
BY jagschemes@live.com.au

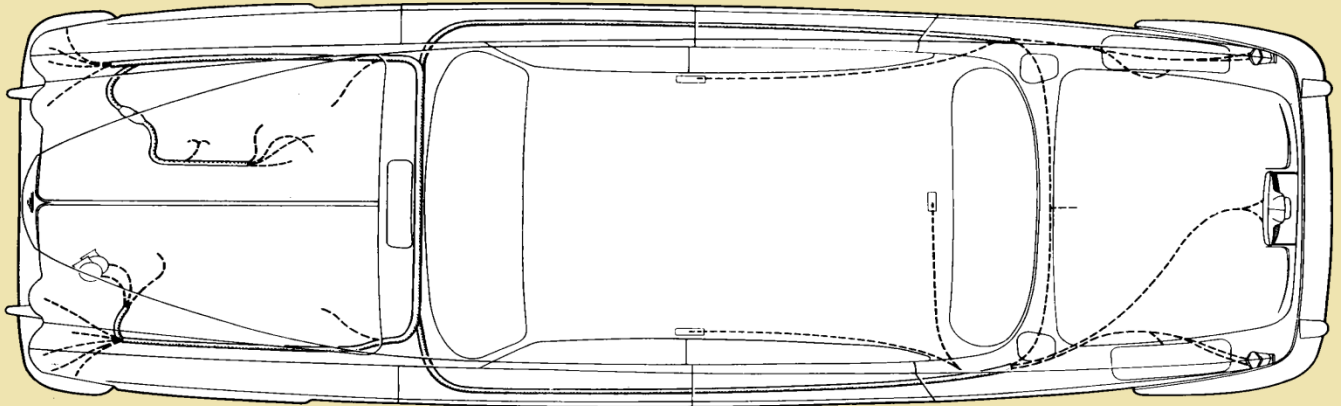
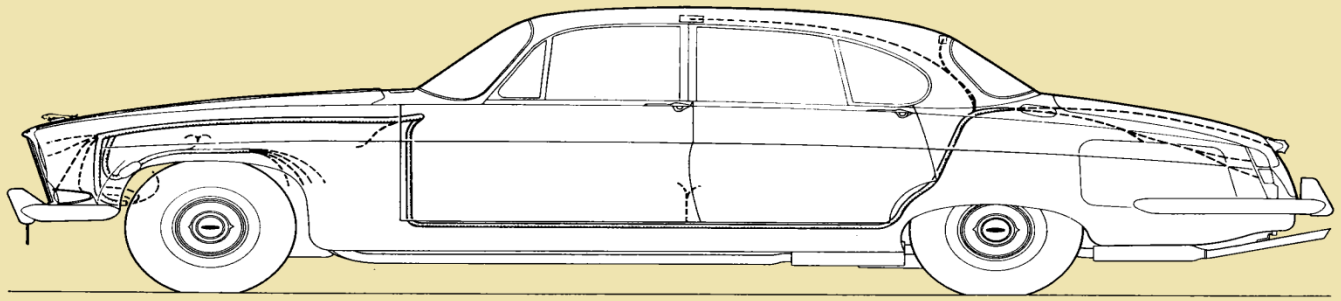
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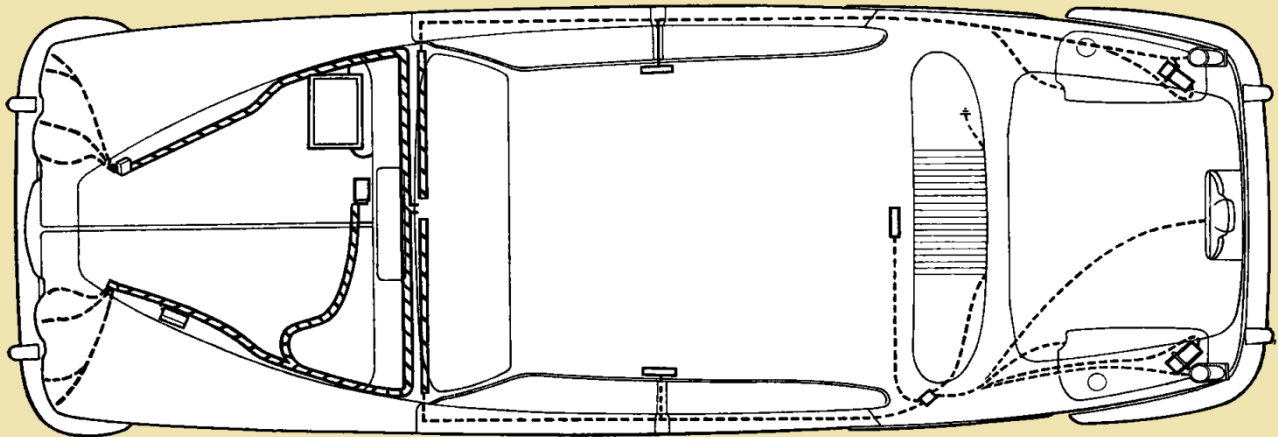
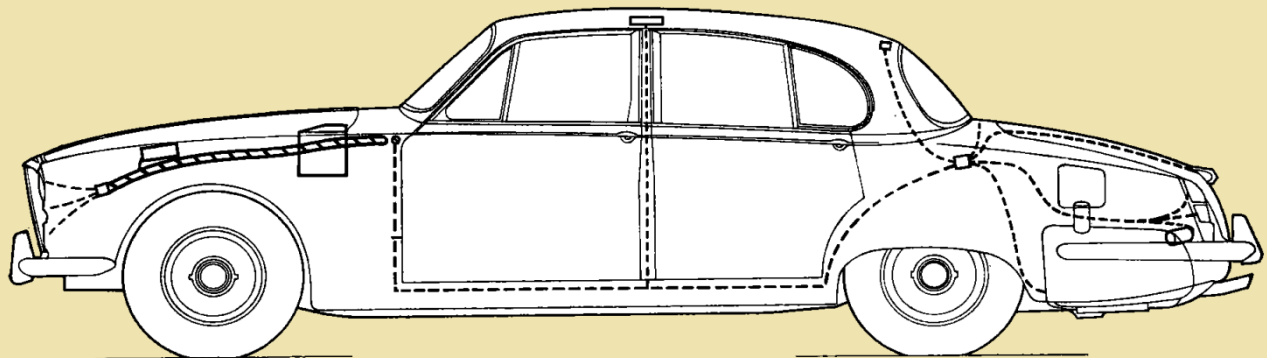


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N P Q R S T U V W X Y Z



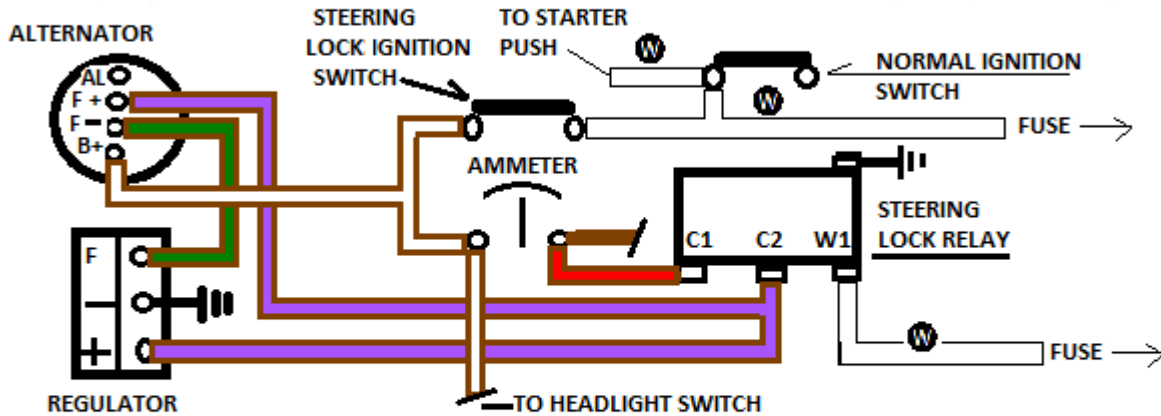
4.2 LITRE HARNESS



420 HARNESS

STEERING LOCK ALTERNATE SYSTEMS

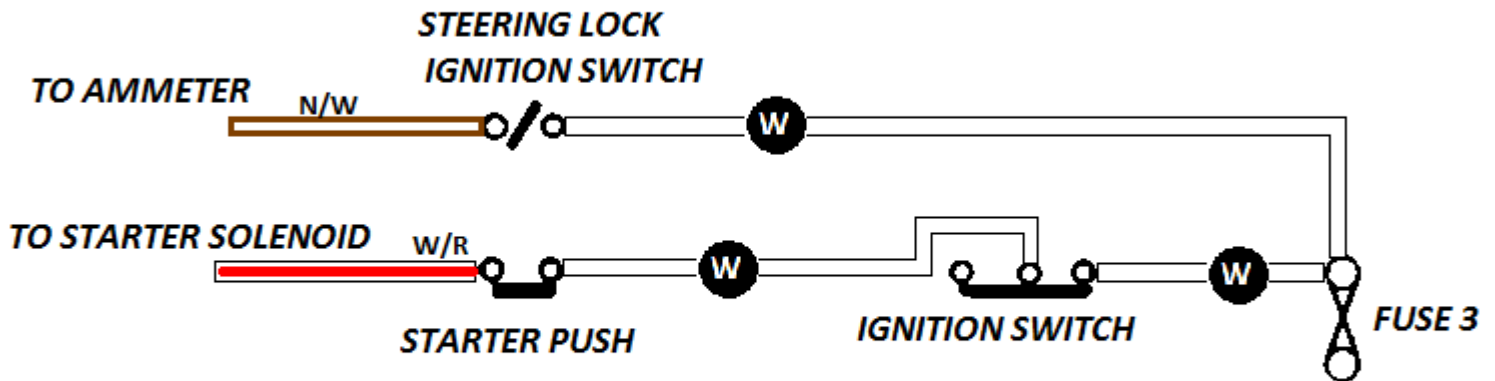
ALTERNATIVE CIRCUIT FOR CARS FITTED WITH STEERING LOCK



THE NORMAL IGNITION SWITCH IS USED TO FILL THE HOLE IN THE PANEL TO ACT AS A TERMINAL POST WHEN STEERING LOCK IS FITTED

MK10-4.2 & 420

** NORMAL LEAD TO AMMETER FROM IGNITION SWITCH IS DISCONNECTED & BLANKED AT BOTH ENDS*



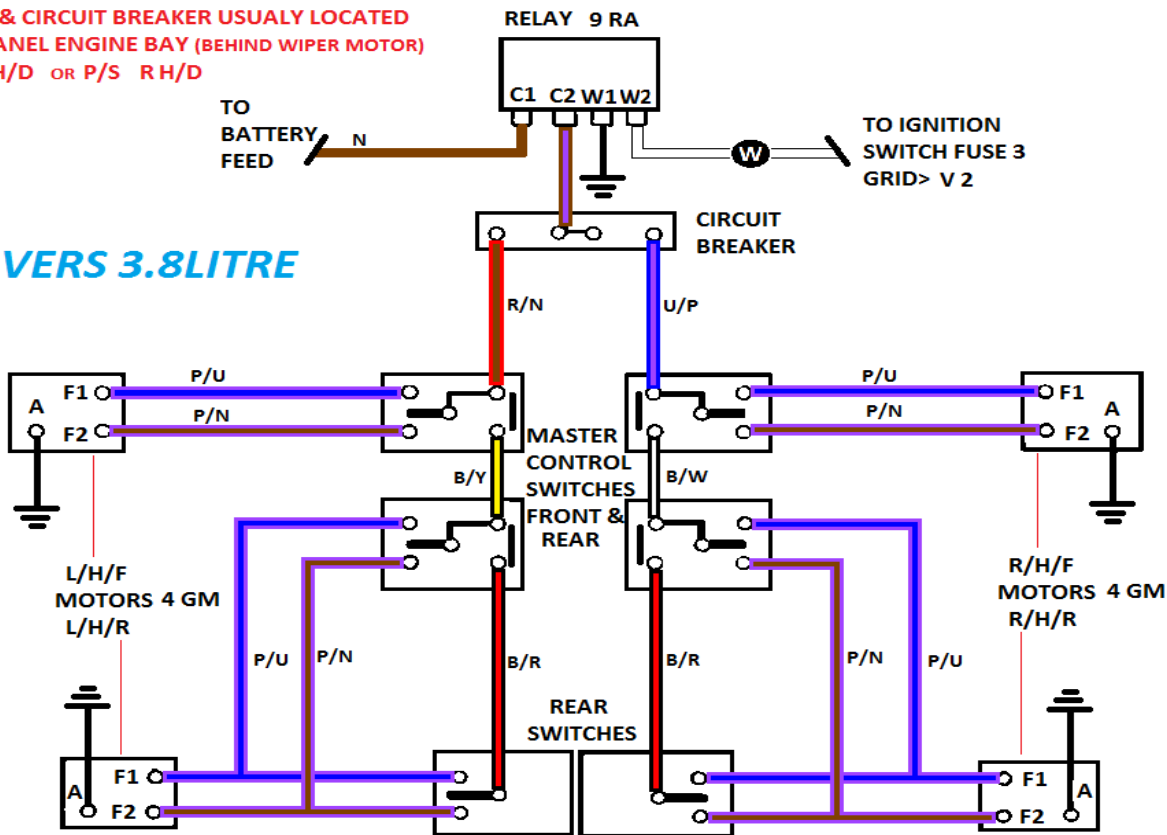
normal ignition switch is used to fill the hole in the panel to act as terminal post when steering lock is fitted

S TYPE STERRING LOCK SYSTEM

ELECTRIC WINDOW CIRCUITS

RELAY & CIRCUIT BREAKER USUALLY LOCATED
SIDE PANEL ENGINE BAY (BEHIND WIPER MOTOR)
D/S LH/D OR P/S RH/D

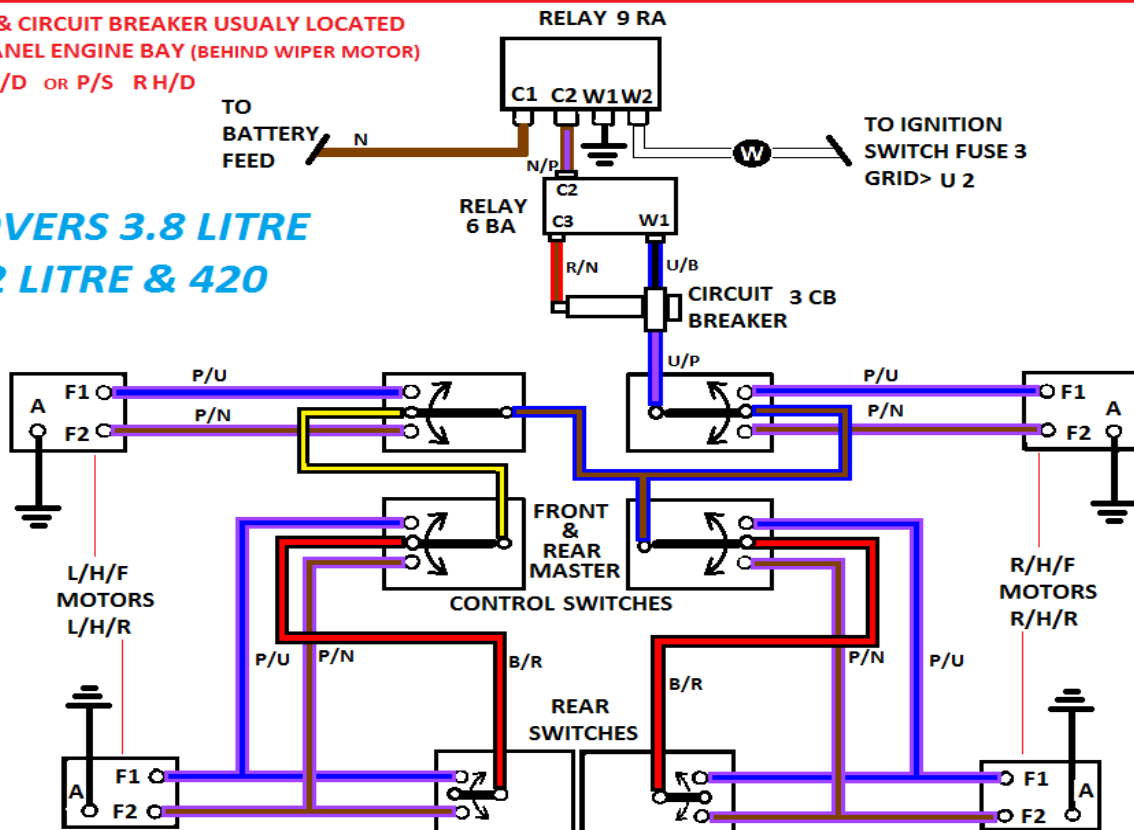
COVERS 3.8LITRE



WINDOW CIRCUIT FOR CARS UP TO CHASSIS # 301359 R/H/DRIVE
351596 L/H/ DRIVE

RELAY & CIRCUIT BREAKER USUALLY LOCATED
SIDE PANEL ENGINE BAY (BEHIND WIPER MOTOR)
D/S LH/D OR P/S RH/D

COVERS 3.8 LITRE
4.2 LITRE & 420



WINDOW CIRCUIT FOR CARS AFTER CHASSIS # 301359 R/H/DRIVE
351596 L/H/ DRIVE

HOW TO CONVERT TO NEGATIVE GROUND

If you want to fit modern electronics such as a CD player or the latest “electronic” or solid state, SU fuel pumps are polarity sensitive. They may fry themselves if connected to opposite polarity.

1st Reverse the battery connections so the negative cable becomes the ground. May require a new cable or some re-arranging of the battery.

Polarize the generator. Use a jumper wire from a hot source (such as the starter solenoid) and brush it twice against the “F” terminal on the back of the generator. The “F” (or “field”) terminal is the smaller of the two. If the terminals on the generator are spade type, it might be easier to remove the “F” wire for better access. This procedure can also be accomplished by simply jumping between the A and F terminals at the control box. Use a screwdriver, or wire and simply brush against these terminals twice.

The ignition coil on a positive-ground car will be labeled SW (for ignition “switch”) and CB (for “contact breaker,” or the wire that goes to the distributor). Simply reverse these connections so that the SW post is connected to the distributor and the CB post is connected to the ignition switch.

Ammeter/Voltmeter: Reverse the leads or the unit will read backwards. Also the electric window switches may act in reverse, most cases just flip the switch vertically.