Extra Notes:-

Carburettor Settings - Main Jet 102.5
100 for economy.
Compensator 95
Choke 23

Compression Ratio - 4.75:1
Oil Pressure - 15-20 lbs. per sq. inch.
Spark Plugs - Lodge C3.
Petrol Consumption - 24/25 m.p.g.

Valve Timing - (Check with tappets set temporarily at .008" both inlet and exhaust).

Inlet Opens	7/8" A.T.D.C.
" Closes	4¼" to 4½" A.B.D.C.
Exhaust Opens	5¼" to 5½" B.B.D.C.
" Closes	1⅛" A.T.D.C.

These measurements are taken on the rim of the flywheel. After checking the timing the normal tappet clearances must be restored - Inlet .004" - Exhaust .006".

Axle Shafts one of different lengths.

Off side 2' 6⅝".
Near side 2' 6".

They are 1¼" thick and are common with those of the Straight 8.
The clutch, Hillman's Own design, also is common with that of the Straight 8.
The dimensions of the Ferodo Linings (2 per set):-

Diameter	11⅛".
Bore	7.5/8".
Thickness	3/16"

Likewise the brakes were their own design but during 1930 there was a change in lining dimensions -
DRUM DIAMETER 12" - (12 linings per set)

1928 - EARLY 1930

Front or Rear	Hand or Foot	Length	Width	Thickness	Inside Radius
Front	Foot	13.5/8"	1½"	¼"	5.23/32"
Rear	Foot	11.11/16"	1¼"	¼"	"
Rear	Hand	"	"	"	"

LATER 1930

Front	Foot	13.5/8"	1½"	¼"	5.23/32"
Rear	Foot	13½"	1.1/4"	¼"	"
Rear	Hand	"	"	"	"