



PASSENGER CARS (PETROL)

No. X785

BRISTOL 405

SHELL SERVICING GUIDE

ITEM	APPLICATION	GRADE	MILEAGE	REMARKS
<i>All capacities are refill quantities.</i>				
1	Engine (12 pints) Summer	SHELL X-100 30*	500	Top up if necessary
	Winter	SHELL X-100 20/20W*		
2	Gearbox and Overdrive (3½ pints)	SHELL X-100 30	1,500**	Drain, flush and refill
			3,000	Top up if necessary
			6,000**	Drain, flush and refill
3	Rear Axle (2½ pints)	SHELL SPIRAX 140 EP	3,000	Top up if necessary
			6,000**	Drain, flush and refill
4	Brake and Clutch Pedal Pivots	SHELL RETINAX A	6,000	Gun—2 fittings
5	Handbrake Cable	SHELL RETINAX A	As required	Gun—1 fitting
6	Rear Suspension Units	SHELL RETINAX A	12,000	Repack if necessary
7	Propeller Shaft—Splines —Universal Joints	SHELL SPIRAX 140 EP	3,000	Gun { 1 fitting 2 fittings
8	Central Chassis Lubricator*** (2 pints)	SHELL DENTAX 90	100	Depress pedal once
			1,500	Top up
9	Front Wheel Bearings	SHELL RETINAX A	12,000	Remove, clean, repack, replace
10	Oil Filter	—	Every Engine Oil Change	Drain and clean
			6,000	Renew element
11	Air Cleaner—Dry Type	—	As required	Remove element, tap clean, replace
	—Oil Wetted Type	AS FOR ENGINE	3,000	Remove, wash in petrol, dry, dip in oil, drain, replace
12	Distributor —Automatic Timing Control —Cam —Contact Breaker Pivot —Shaft	SHELL X-100 20/20W	3,000	Oil can { few drops smear lightly 1 drop few drops
13	Dynamo	SHELL X-100 20/20W	12,000	Oil can—few drops
14	Brake Fluid Supply Tank	SPECIAL FLUID	1,500	Top up if necessary

* Shell X-100 Motor Oil 10W/30 may be used.

** Initially after first 500 and 1,500.

*** Central Chassis Lubricator supplies front suspension unit, steering gearbox and steering swivel pins.

(continued overleaf)



LEADERSHIP IN LUBRICATION

ENGINE ADJUSTMENTS

Valve Clearances (hot)	
Inlet and Exhaust.....	.010"—.012"
Contact Breaker	
Points Gap010"—.012"
Spark Plug Gap018"—.020"
Cooling System	16 pints
Drain Taps—1. Left rear cylinder block	
2. Bottom right of radiator	
Fuel Tank.....	16 galls.

SERVICE PERIOD SUMMARY

FREQUENCY	ITEMS REQUIRING ATTENTION
100 miles	8
500 miles	1
1,500 miles	1-8-14
3,000 miles	2-3-7-11-12
6,000 miles	2-3-4-10
12,000 miles	6-9-13
As required	5-11

TYRES (lb. sq. in.)

SIZE	MAKE AND TYPE	CONDITION	PRESSURES		
			Front	Rear	
			Normal	Laden	
5.75—16	Michelin Zig Zag	} Normal	22	26	28
	Michelin SDS		26	30	32
	Michelin X	All	27	30	34
6.00—16	Michelin X	All	24	27	30

