



SHELL SERVICING GUIDE

# PASSENGER CAR

No. X610  
(2nd REVISION)

## JOWETT JUPITER

ITEM	APPLICATION	GRADE	MILEAGE	REMARKS
<i>All capacities are refill quantities.</i>				
1	Engine (10 pints)†	SHELL X-100 30	Daily 2,500* 10,000	Top up if necessary Drain, flush and refill Remove crankcase strainer gauze, wash in petrol, dry, replace
2	Gearbox (2 pints)	SHELL X-100 30	2,500 10,000	Top up if necessary Drain, flush and refill
3	Rear Axle (2½ pints)††	SHELL SPIRAX 90 EP	2,500 10,000**	Top up if necessary Drain, flush and refill
4	Front Suspension —Control Arm Reservoirs	SHELL X-100 40	2,500	Top up to level of filler plug
5	—Control Arms	SHELL RETINAX A	2,500	Gun—4 fittings
	Steering—Column Bearing	SHELL RETINAX A	2,500 2,500 500 500 500	Gun—1 fitting
	—Rack and Pinion			Gun—2 fittings
	—Swivel Pins			Gun—2 fittings
	—Track Rods			Gun—4 fittings
—Universal Joints	Gun—1 fitting			
6	Brake and Clutch Pedal Pivots	SHELL RETINAX A	2,500	Gun—2 fittings
7	Handbrake—Cable } —Linkage }	SHELL RETINAX A	2,500	Gun { 2 fittings 1 fitting
8	Propeller Shaft—Spline	SHELL RETINAX A	5,000	Gun—1 fitting
9	Propeller Shaft—Universal Joints	SHELL SPIRAX 140 EP	5,000	Gun—2 fittings
10	Brake Linkage	SHELL X-100 20/20W	2,500	Oil can—few drops
11	Wheel Bearings—front and rear	SHELL RETINAX A	5,000	Gun—4 fittings
12	Oil Filter	—	2,500	Remove element, wash in petrol, dry, replace
13	Air Cleaner—Oil Bath Type	AS FOR ENGINE	10,000 Normal 2,500	Renew element Remove, wash in petrol, dry, refill to oil level mark, replace
	—Felt Pad Type	—	Arduous 1,000 2,500	Remove, wash in petrol, dry, replace
14	Water Pump	SHELL RETINAX A	2,500	Gun—1 fitting
15	Dynamo	SHELL RETINAX A	10,000	Remove cap, repack, replace
16	Rev. Counter Drive Gear	SHELL RETINAX A	5,000	Repack
17	Gear Shift Linkage	SHELL RETINAX A SHELL X-100 20/20W	2,500 2,500	Gun—1 fitting
	—Grease Lubricated			Oil can—few drops
18	Fan Rear Bearing	SHELL X-100 20/20W	2,500	Oil can—few drops
19	Carburettor Cable and Linkage	SHELL X-100 20/20W	2,500	Oil can—few drops

(continued overleaf)

- 20 Distributor
  - Automatic Timing Control
  - Cam Bearing
  - Contact Breaker Pivot
  - Cam

**SHELL X-100 20/20W**

2,500

- Oil can—few drops
- Oil can—1 or 2 drops
- Oil can—1 or 2 drops
- Smear
- Top up if necessary

- 21 Brake Fluid Supply Tank

**SPECIAL FLUID**

2,500

†1948/51 models, 9 pints. ††1948/50 models, 2 pints. \*Initially after first 500. \*\*Initially after first 2,000.

For information on regular maintenance jobs other than lubrication, reference should be made to the manufacturer's instruction book.

**APPROXIMATE CAPACITIES**  
(Imperial measure)

Cooling System..... 2 galls.  
Fuel Tank .....10 galls.

**TYRES**

SIZE		PRESSURES (lb. sq. in.)
5.50 x 16	Front	26
	Rear	26

**ENGINE ADJUSTMENTS**

Valve Clearance—cold  
Adjustable (where fitted)  
Inlet ..... .002"  
Exhaust ..... .006"  
Contact Breaker  
Points Gap ..... .014"—.016"  
Spark Plug Gap ..... .020"—.025"

