



SHELL SERVICING GUIDE

PASSENGER CARS

No. X749

(1st REVISION)

BORGWARD

**1500 Isabella, Isabella T.S. De Luxe,
Coupe and Station Wagon—1959**

ITEM	APPLICATION	GRADE	MILEAGE	REMARKS
<i>All capacities are refill quantities.</i>				
1	Engine (8 pints)	SHELL X-100 MULTIGRADE 10W/30 or SHELL X-100 20/20W	Daily	Top up if necessary
2	Gearbox (1 3/4 pints)		SHELL SPIRAX 90 EP	2,500*
3	Rear Axle (2 3/4 pints)	SHELL SPIRAX 90 EP	7,500**	Top up if necessary
4	Front Suspension Control Arms	SHELL RETINAX A	7,500**	Drain, flush and refill
5	Steering—Idler Lever Pivot	SHELL RETINAX A	1,200	Gun—8 fittings
6	—Swivel Joints			
7	Clutch Operating Shaft	SHELL RETINAX A	1,200	Gun—1 fitting
8	Propeller Shaft—Splines	SHELL RETINAX A	1,200	Gun—4 fittings
9	Propeller Shaft—Universal Joints	SHELL RETINAX A	1,200	Gun—2 fittings
10	Brake Cables	SHELL RETINAX A or SHELL DENTAX 140	7,500	Gun—2 fittings
11	Front Wheel Bearings	SHELL RETINAX A	2,500	Gun—2 fittings
12	Air Cleaner—Oil Wetted Type	AS FOR ENGINE	2,500	Remove, wash in petrol, dry, dip in oil, drain, replace
	—Oil Bath Type	AS FOR ENGINE	2,500	Remove oil bath, wash in petrol, dry, refill to oil level mark, replace
			7,500	Remove element, wash in petrol, dry, replace
13	Oil Filter	—	7,500	Renew element
14	Water Pump—Shaft	SHELL RETINAX A	7,500	Grease cup—few turns, repack if necessary
15	Distributor—Shaft	AS FOR ENGINE	1,200	Oil can—few drops
	—Cam Bearing	AS FOR ENGINE	7,500	Oil can—few drops on felt
	—Cam	SHELL RETINAX A	7,500	Smear
16	Steering Gearbox	SHELL SPIRAX 90 EP	2,500	Top up if necessary
17	Brake Fluid Supply Tank	SPECIAL FLUID	As required	Top up
	Clutch Fluid Supply Tank	SPECIAL FLUID	As required	Top up

* Initially after first 300, 600 and 2,500, but see back of Sheet.

** Initially after first 600 and 7,500.

NGK 5110
B7HS

(continued overleaf)

4254 SS685



LEADERSHIP IN LUBRICATION

SERVICE PERIOD SUMMARY

FREQUENCY	ITEMS REQUIRING ATTENTION
Daily	1
1,200 miles	4-5-6-7-14
2,500 miles	1-2-3-9-11-14-15
7,500 miles	2-3-8-10-11-12-13
As required	10-16-17

TYRES

SIZES	PRESSURES (lb. sq. in.)	
	Front	Rear
Saloon, Saloon T.S., Coupe, 5.90 x 13		
Normal	20	24
High Speed	28	30
Station Wagon, 6.40 x 13		
Normal	20	28
High Speed	28	40
	(with max load.)	

ADJUSTMENTS

Valve Clearances (hot)

Inlet and Exhaust	.008"
Contact Breaker Points Gap	.016"
Spark Plug Gap	.027"-.031"

**APPROXIMATE CAPACITIES
(Imperial measure)**

Cooling System	12½ pints
Fuel Tank	10½ galls.

