



SHELL SERVICING GUIDE

HUMBER

Pullman and Imperial Mk. IV

ITEM	APPLICATION	GRADE	MILEAGE	REMARKS
1	Engine (15 pints) —Summer —Winter	SHELL X-100 30	250	Top up if necessary
		SHELL X-100 20/20W	2,000*	Drain, flush and refill
2	Gearbox (5 pints)	SHELL X-100 30	2,000	Top up if necessary
		SHELL SPIRAX 140 E.P.	6,000**	Drain, flush and refill
3	Rear Axle (4 pints)	SHELL SPIRAX 140 E.P.	1,000	Gun—8 fittings
		SHELL SPIRAX 140 E.P.	2,000	Gun—2 fittings
4	Front Suspension—Control Arms —Spring Shackles	SHELL SPIRAX 140 E.P.	1,000	Gun—4 fittings
		SHELL SPIRAX 140 E.P.	2,000	Gun—4 fittings
5	Steering—Swivel Pins —Track Rods	SHELL SPIRAX 140 E.P.	2,000	Gun—1 fitting
		SHELL SPIRAX 140 E.P.	2,000	Oil can—few drops
6	Brake—Cable	AS FOR ENGINE	2,000	Oil can—few drops
		AS FOR ENGINE	2,000	Oil can—few drops
7	Brake—Linkage	AS FOR ENGINE	2,000	Oil can—few drops
		AS FOR ENGINE	2,000	Clean and paint
8	Brake and Clutch Pedal Pivots	AS FOR ENGINE	2,000	Gun—1 fitting
		AS FOR ENGINE	2,000	Gun—1 fitting
9	Clutch Linkage	AS FOR ENGINE	2,000	Gun—3 fittings
		AS FOR ENGINE	2,000	Gun—4 fittings
10	Spring Leaves—Front and Rear	AS FOR ENGINE	2,000	Gun—4 fittings
		AS FOR ENGINE	2,000	Gun—4 fittings
11	Propeller Shaft —Centre Bearing (Pullman only) —Spline —Universal Joints	SHELL SPIRAX 140 E.P.	2,000	Gun—1 fitting
		SHELL SPIRAX 140 E.P.	2,000	Gun—1 fitting
12	Wheel Bearings—Front and Rear	SHELL RETINAX A	6,000	Gun—3 fittings
		SHELL RETINAX A	6,000	Gun—4 fittings
13	Shock Absorbers—U.K. —Overseas	SHELL DONAX A.2	6,000	Gun—1 fitting
		SHELL DONAX A.2	6,000**	Gun—1 fitting
14	Oil Filter	AS FOR ENGINE	Normal 2,000	Gun—3 fittings
		AS FOR ENGINE	Dusty 1,000	Gun—3 fittings
15	Air Cleaner—Oil Bath —Oil Wetted Type	AS FOR ENGINE	Normal 2,000	Gun—3 fittings
		AS FOR ENGINE	Dusty 1,000	Gun—3 fittings
16	Water Pump and Fan	SHELL SPIRAX 140 E.P.	1,000	Gun—3 fittings
		SHELL SPIRAX 140 E.P.	As required	Gun—3 fittings
17	Dynamo	SHELL RETINAX A	6,000	Gun—3 fittings
		SHELL RETINAX A	6,000	Gun—3 fittings
18	Distributor—Shaft Lower Bearing —Cim —Shaft Bearing —Automatic Timing Control —Contact Breaker Pivot —Shaft and Cam Bearing	SHELL RETINAX A	2,000	Gun—3 fittings
		SHELL RETINAX A	2,000	Gun—3 fittings
19	Gearshift Linkage and Cable	AS FOR ENGINE	2,000	Gun—3 fittings
		AS FOR ENGINE	2,000	Gun—3 fittings
20	Accelerator Linkage	SHELL RETINAX A	2,000	Gun—3 fittings
		SHELL RETINAX A	2,000	Gun—3 fittings
21	Steering Gearbox	SHELL SPIRAX 140 E.P.	2,000	Gun—3 fittings
		SHELL SPIRAX 140 E.P.	2,000	Gun—3 fittings
22	Brake Fluid Supply Tank	SPECIAL FLUID	2,000*	Gun—3 fittings
		SPECIAL FLUID	2,000*	Gun—3 fittings

* Initially after first 500 ** More often under arduous conditions

All chassis points should be serviced initially after first 500

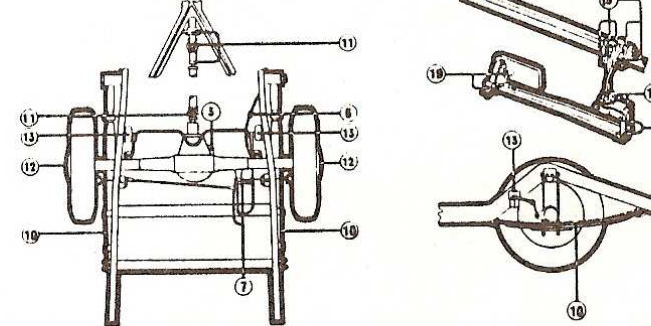
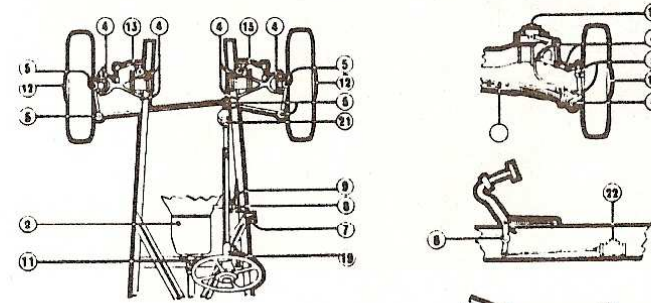
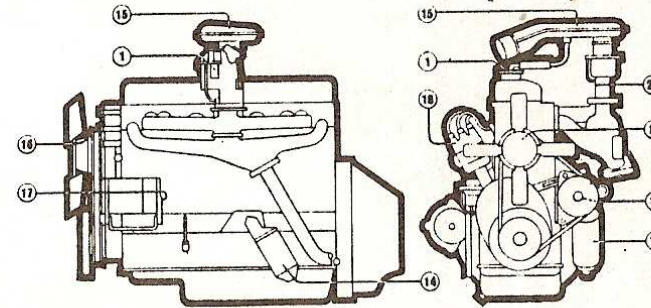
(continued overleaf)

FREQUENCY	ITEMS REQUIRING ATTENTION
250 miles	1
1,000 miles	4-5-15-16
2,000 miles	1-2-3-6-7-8-9-10-11-15-18-19-20-21-22
6,000 miles	1-2-3-12-13-14-17
As required	13-16-18

SIZE	TYRES PRESSURES	
	Front	Rear
7.50 x 16	26	32 lb. sq. in.
With Ambulance Body on Pullman Chassis	40	40 lb. sq. in.

Valve Clearances (Cold)	
Inlet	.010"
Exhaust	.012"
Contact Breaker	
Points Gap	.016"
Spark Plug Gap	.028" to .032"

APPROXIMATE CAPACITIES (Imperial Measure)	
Cooling System	32 pints
Drain Taps	1. Bottom tank
	2. Water Pump
	3. Left side of cylinder block.
Fuel Tank	15 gallons



LEADERSHIP IN LUBRICATION