JAGUAR SERIES 3 V12 'E' TYPE

ROUTINE MAINTENANCE

	Periodic	Every 3,000ml (5,000km)	Every 6,000ml (10,000km)	Every 12,000ml (20,000km)	Every 36,000ml (60,000km)
ENGINE					
Engine Oil – Check level, top up if necessary.	Daily	X	X	X	X
– Drain and refill.		X	X	X	X
– Renew filter and seals					
Carburetters – Check and top up dampers if necessary.		X		X	X
– Check and adjust if necessary.			X	X	X
Air filter – Renew element.					
Fuel line filter – Renew filter element and seal.			X	X	X
Sparking plugs – Clean and adjust.			X	X	X
– Renew.				X	X
Distributor cover – Remove, clean and refit.					
Distributor – Lubricate.		X	X		
Distributor – Check for wear and correct tension.					
Drive belts – Check.					
Additional operations required for cars fitted with exhaust emmission system.		X		X	
Sparking plugs – Clean and adjust.				X	
Yellow emmission pack – Fit.				X	
Crankcase breather – Remove, clean and refit.				X	
Inlet manifolds – Check nuts for tightness.		X		24,000ml.	
Cylinder head – Check with stroboscope.				24,000ml.	
Ignition timing – Check with stroboscope.				24,000ml.	
Valve clearances – Check and adjust if necessary.				24,000ml.	
Cylinder compressions – Check.					
Charcoal absorption canister – Renew.					
Rod emmission pack – Fit.					
COOLING SYSTEM	Daily				
Radiator – Check coolant level, top up if necessary. Refer to Owner's handbook.					
CLUTCH (Manual transmission)		X	X	X	X
Reservoir fluid level – Check and top up if necessary.			X	X	X
Operating rod – Check free travel, adjust if necessary.					
GEARBOX (Manual transmission)		X	X	X	X
Gearbox oil – Check level and top up if necessary.					
– Drain and refill.					
AUTOMATIC TRANSMISSION UNIT (If fitted)			X	X	X
Oil – Check level and top up if necessary.					
FINAL DRIVE UNIT		X	X		
Oil – Check level and top up if necessary.				X	X
– Drain and refill.					
POWER ASSISTED STEERING		X	X	X	X
Reservoir oil level – Check and top up if necessary.					
BRAKES		X	X	X	X
Reservoir fluid level – Check and top up if necessary.		X	X	X	X
Brake pads – Check for wear. Advise wear rate to Owner.		X	X	X	X
Handbrake operation – Check and adjust cable if necessary.				24,000ml.	
Brake fluid – Drain system, and refill with fresh fluid.					48,000ml.
Braking system – Overhaul complete system.					
ELECTRICAL	Weekly	X	X	X	X
Battery – Check electrolyte level and top up if necessary.			X	X	X
– Check battery connections for corrosion.			X	X	X
Headlights – Check operation and alignment		X	X	X	X
Mandatory lights – Check operation, including stop lights.					
LUBRICATION			X	X	X
Grease nipples – Lubricate all grease nipples excluding wheel bearings				X	X
Wheel bearings – Lubricate wheel bearings			X	X	X
Oil can lubrication – Lubricate hinges on doors, bonnet and boot, and fuel filler cover.			X	X	X
– Lubricate all locks.			X	X	X
– Lubricate seat slides.					
GENERAL	Weekly	X	X		
Road wheels – Check nuts for tightness		X	X	X	X
Tyres – Check for damage, adjust pressures – Check tread depth and for uneven wear, re-align wheel if necessary.					
SUSPENSIONS				X	X
– Check suspension units and exhaust mountings for safety.				X	X
Steering – Check steering connections and ball joints for wear.		X	X	X	X
Screen washer – Check water level.		X	X		
Leaks (general) – Check for oil, water, and hydraulic leaks. Report to Owner.					

IMPORTANT

If the car is fitted with Stromberg 175CD 2SE carburettors consult your Jaguar Dealer for all Routine Maintenance Service. Tuning by unqualified persons should NOT be attempted.

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RECOMMENDED LUBRICANTS

Component	Mobil	Castrol	Shell	Esso	B.P.	Duckham	Texaco
Engine	Mobiloil Super or Mobiloil Special 20W/50	Castrol GTX	Shell Super Oil	Uniflo	BP Super Visco-Static 10W/40	Q20/50 or Q5500	Havoline 20W/40 or 10W/30
Upper cylinder Lubrication	Mobil Upper-lube	Castrolo	Shell U.C.L. or Donax U	Esso U.C.L.	BP U.C.L.	Adcold Liquid	Texaco U.C.L.
Distributor oil can points Oil can lubrication	Mobiloil Super	Castrol GTX	Shell Super Oil	Uniflo	BP Super Visco-Static 10W/40 or 20W/50	Q20/50	Havoline 30
Final drive unit Top up (Pour-Lok)	Mobilube GX 90	Castrol Hypoy	Spirax 90 EP	Esso Gear Oil GX 90/140	BP Gear Oil SAE 90 EP	Hypoid 90	Multi-gear Lubri-cant EP 90
Final drive unit refill (Powr-Lok)	Mobilube 46	Hypoy LS	Shell S.7143	Esso Gear Oil GP 90/140	BP Limslip Gear Oil 90/1	Hypoid 90 DL	3450 Gear Oil
Front wheel bearings Rear wheel bearings Rear Suspension Final drive half-shafts Steering tie-rods Wheel swivels Door hinges Steering rack housing	Mobil-grease MP or Mobil grease super	Castrol LM grease	Retinax A	Esso Multi-purpose grease H	BP Ener-grease L.2	LB 10	Marfak All purpose
Automatic transmission unit Power-steering	Mobil ATF 210	Castrol T.Q.F.	Shell Donax T7	Esso Glide	B.P. Autran B	Q-matic	Texa-matic Type F

RECOMMENDED HYDRAULIC FLUID
Braking System and Clutch Operation

Castrol-Girling Brake/Clutch Fluid (Green). This fluid exceeds S.A.E. J1703A specification.

CAPACITIES

	Litres	Imperial pints	U.S. pints
Engine (refill including filter)	10,0	17.5	21
Gearbox	2,4	3.0	3.25
Automatic transmission unit (from dry)	9,0	16.0	19
Final drive unit	1,54	2.75	3.25
Cooling system	20,5	36.0	43
		Imperial gallons	*U.S. gallons*
Petrol tank	*Litres* 81,0	18	20.25

TYRE PRESSURES

Check pressures with the tyres cold and not when they have attained their normal running temperature.

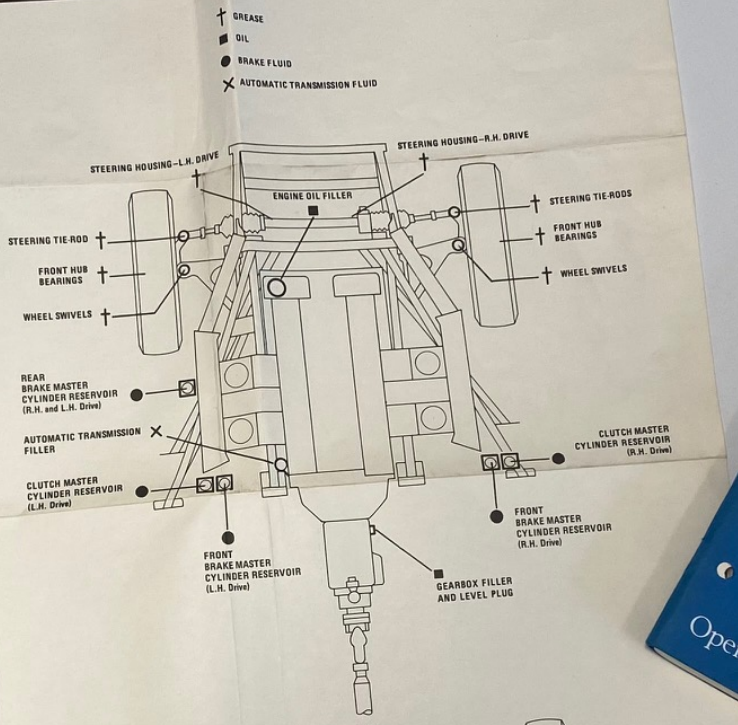
TYPE: DUNLOP E70. VR15 SPORT
Tubeless — Ventilated disc
Tubed — Wire wheels

	Front	Rear
For speeds up to 120 m.p.h. (192 k.p.h.)	1,7 kg/sq.cm. 1,65 Bars (24 lb/sq.in.)	2,0 kg/sq.cm. 1,9 Bars (28 lb/sq.in.)
For speeds in excess of 120 m.p.h. (192 k.p.h.)	2,67 kg/sq.cm. 2,62 Bars (38 lb/sq.in.)	2,8 kg/sq.cm. 2,75 Bars (40 lb/sq.in.)

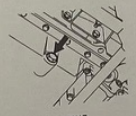
Tyres for Winter Use
(when snow conditions make the use of special tyres necessary)

Dunlop Weathermaster SP 44, 185 x 15 ..... 2,25 kg/sq. cm. 2,2 Bars (32 kg/sq. in.)
(for use only on rear wheels to replace Sport tyres)

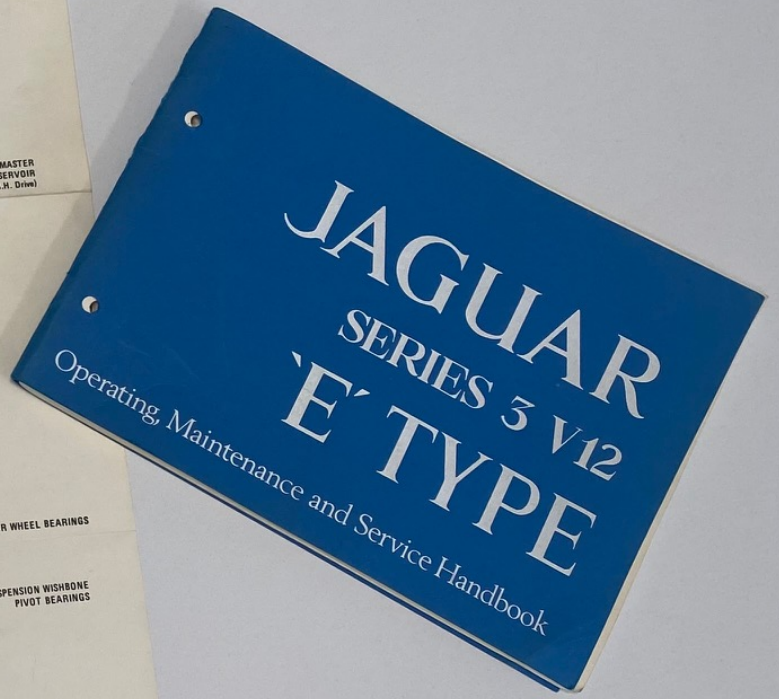
Special inner tubes, identified by the tyre size and the wording "Weathermaster only", are available and MUST be fitted with these tyres.
Maximum permitted speed 100 m.p.h. (160 k.p.h.)



DRAIN PLUGS


ENGINE

GEARBOX

FINAL DRIVE UNIT

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