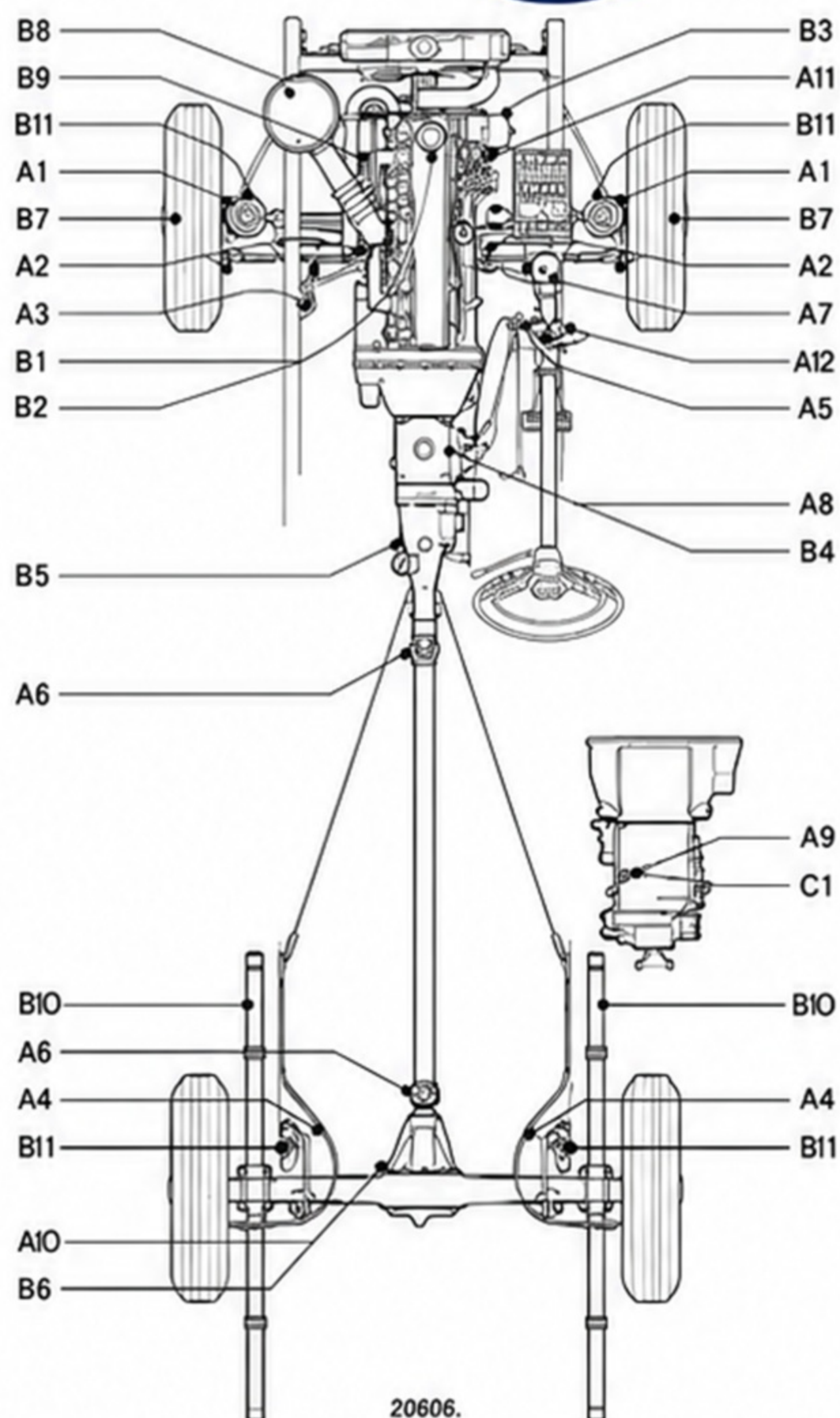




20606.

LUBRICANTS

Engine	ESSO MOTOR OIL 20W/30
Gearbox (Manual & Overdrive)	ESSO GEAR OIL GP 90
Automatic Transmission	ESSO AUTOMATIC TRANSMISSION FLUID
Rear Axle/Differential, Steering Box	ESSO GEAR OIL GP 90/140
Wheel Bearings, Universal Joints, and other Grease Nipples	ESSO MULTI-PURPOSE GREASE H
Brake and Clutch Fluid Reservoir	ESSO BRAKE FLUID (SAE 70 R.3)
Front Suspension Units, Rear Shock Absorbers	ESSO HYDRAULIC OIL

TECHNICAL DATA

Engine	6-cyl., ohv
Bore x Stroke	82.55 x 78.36 mm (3.25 x 3.13 in)
Cubic Capacity	2553 cc (155.8 cu in)
Valve Clearances (engine hot)	0.014 in
Compression Ratio	7.4 : 1
Spark Plugs, Type	Champion N8, 14 mm
Spark Plugs, Gap	0.032 in
Ignition Timing	6° BTDC
Contact Breaker Gap	0.014-0.016 in
Firing Order	1-5-3-6-2-4
Front Wheel Alignment	1/8 to 1/4 in toe-in

TYRES

Size	6.40-13 (Tubeless)
with Automatic Transmission	6.70-13 (Tubeless)
Pressures	
Saloons	Front and Rear 24 lb/sq in
Estate Cars	Front and Rear 26 lb/sq in

CAPACITIES (Imperial)

Engine sump, incl. Filter	8 1/2 pt
Gearbox (manual)	
without overdrive	3 1/2 pt
with overdrive	5 pt
Automatic Transmission	15 pt
Rear Axle/Differential	2 1/2 pt
Cooling System, incl. Heater	23 pt
Fuel Tank	10 1/2 gal

WINTER PROTECTION: see note on reverse of front cover

SERVICE DETAILS

DAILY: Check engine oil level, cooling system, fuel tank, tyres.

WEEKLY: Check battery electrolyte, tyre pressures.

A. EVERY 1000 MILES

- A1. TRACK CONTROL ARM BALL JOINTS (2 nipples).
- A2. TRACK AND STEERING ROD BALL JOINTS (6 nipples).
- A3. IDLER ARM PIVOT (1 nipple).
- A4. PARKING BRAKE CABLES (2 nipples).
- A5. GEAR SHIFT MECHANISM (1 nipple).
- A6. UNIVERSAL JOINTS (2 nipples).
- A7. STEERING BOX: check oil level, top up if necessary.
- A8. GEARBOX: check oil level, top up if necessary.
- A9. AUTOMATIC TRANSMISSION (if fitted): check fluid level, top up if necessary in accordance with the special instructions issued by the car manufacturer.
- A10. REAR AXLE/DIFFERENTIAL: check oil level, top up if necessary.
- A11. IGNITION DISTRIBUTOR: lubricate shaft with two drops of engine oil (remove rotor) and two drops over felt mechanism with one or two drops. Smear breaker cam faces with petrolatum jelly.
- A12. BRAKE AND CLUTCH RESERVOIR: check fluid level, top up with brake fluid if necessary.

JOINTS OF ACCELERATOR LINKAGE, CARBURETTOR, PARKING BRAKE, DOOR HINGES AND LOCKS, BONNET HINGES, ETC.: lubricate with a few drops of engine oil.
FUEL SEDIMENT BOWL AND FILTER SCREEN: clean
CLUTCH: check free movement at operating rod, adjust if necessary.

B. EVERY 5000 MILES

- B1. ENGINE SUMP: drain and refill.
- B2. OIL FILTER BREATHER CAP: clean and re-oil.
- B3. OIL FILTER: clean housing, renew element.
- B4. GEARBOX: drain and refill.
- B5. OVERDRIVE (if fitted): drain and refill.
- B6. REAR AXLE/DIFFERENTIAL: drain and refill.
- B7. FRONT WHEEL BEARINGS: dismantle, clean and repack with wheel bearing grease.
- B8. AIR CLEANER (gauze type): remove element, clean and re-oil.
- B9. AIR CLEANER (oil bath type): drain, clean and refill bowl with fresh engine oil.
- B10. DYNAMO: lubricate rear bearing with a few drops of engine oil.
- B11. REAR SPRINGS: clean and spray or brush with penetrating oil.

FRONT AND REAR SHOCK ABSORBERS: check fluid level, top up with shock absorber fluid if necessary.
VALVE CLEARANCES: check and if necessary adjust.
BRAKES: dismantle and/or linings, adjust and road test.
DISC BRAKE SERVO UNIT (where fitted): renew air filter.
SPARK PLUGS: clean and if necessary adjust electrode gaps.
REAR SPRINGS: check U-bolts and all other accessible nuts and bolts for security. Spray or brush with penetrating oil.
CARBURETTOR: check slow running, adjust if necessary.
IGNITION DISTRIBUTOR: check contact breaker points gap, adjust if necessary. Clean cap and coil.
FAN BELT: check tension, adjust if necessary.
WHEELS: check balance.

C. EVERY 15000 MILES

- C1. AUTOMATIC TRANSMISSION (if fitted): drain and refill in accordance with the instructions issued by the manufacturers.