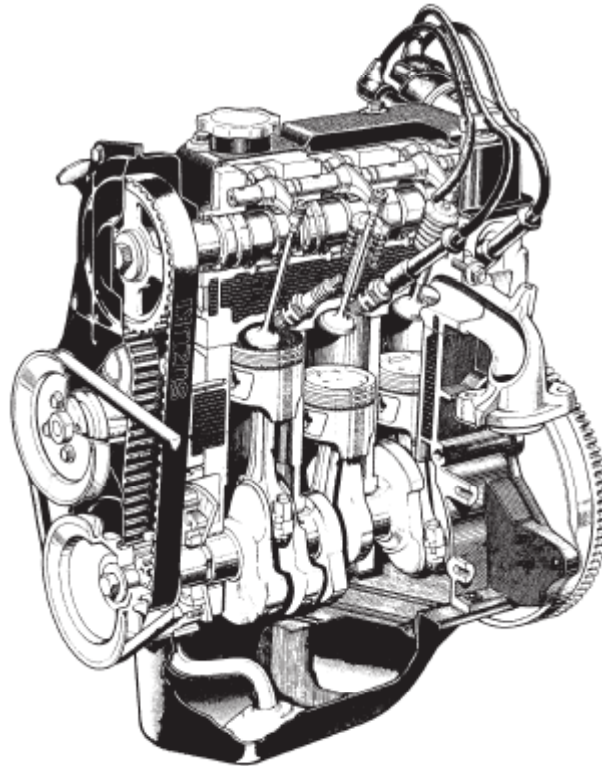


# ENGINE MECHANICAL - F8B ENGINE



# Do's and Don't

# Battery

- Remove Negative cable before start of work of any repair work
- Battery terminal should be tight properly
- Check Battery Electrolyte Level Min / Max Marks.

# ECM

- Don't Touch ECM Terminals
- ECM should be check through wiring circuit only
- For checking Voltage in circuit ,Ignition switch in on Position
- For checking Resistance or Continuity ,Negative cable should be removed or ECM coupler should be removed.

# Wiring

- Wiring should not be cut at any place
- Wiring should be routed properly to avoid short circuit
- Wiring should be clamped to avoid short circuit/Poor performance of system.

## Accessories

- Do not install extra accessories, it may lead to poor performance of Engine Management system

# Engine Mountings

Engine should be mounted at an angle of 15 deg with flexible Mountings to avoid engine vibration / noise & better lubrication

# Radiator

Never open the radiator cap if the engine is in hot condition.

Check the level in the radiator & reservoir tank when the engine is in cold condition

Recommended coolant – 70% water & 30 % coolant

Check the radiator fan direction of rotation. It may lead to overheating problem



## Drive shaft

Drive shaft should be inserted properly in the gear box & confirm the proper assembly

Check the boot for any damages

## Water pump belt

Check the water pump tension – 6-9 mm with  
10 Kg force

Loose belt leads to poor cooling & poor charging

If it is tight, it may lead to noise in the alternator/  
water pump/ crankshaft bearings