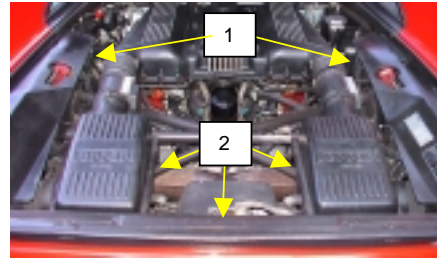


Cooling & Power Steering

1. In the engine compartment remove the side covers. 3 hex socket bolts hold the covers on each side.
2. Remove the air filter housings and upper exhaust heatshields.
3. Remove the coolant tank/PAS reservoir trim panel from the top of the engine (6x10mm nuts).
4. Unscrew & remove the coolant tank cap.
5. From underneath the car drain the coolant from the radiators. The plugs are at the bottom of the radiators.
6. Prise off the rubber cover and unscrew the drain plug. The drain plug is made of plastic so be very careful not to damage the plug with the screwdriver. Do this on both sides of the car and leave to drain.
7. Inspect both drain plugs carefully for cracks or damage. Make sure you account for both o-ring seals. It is easy for the seals to drop into the drain tank or get stuck to the radiator.
8. When replacing the drain plug renew the o-rings, they are cheap. (Ferrari No. 140150), if in doubt, renew the plug also (Ferrari No. 159923).
9. Remove power steering reservoir lid and siphon or pump the power steering fluid out of reservoir. Try to remove as much fluid as possible to reduce mess & spillage.
10. Unscrew jubilee clips on pipes to/from coolant tank, prise hoses off spigots and remove tank. There are 2 smaller bore de-gas tubes at the top and 2 larger bore feed/return tubes underneath the tank.
11. Unscrew jubilee clips for PAS reservoir, prise hoses off spigots and remove reservoir. There are 2 tubes: feed & return. These are different diameters to ensure correct orientation/connection.
12. Carefully unclip the throttle cable retaining E-clip. Do not allow the E-clip to 'ping' across the workshop. The retaining bracket and clip is bolted to the thermostat housing.
13. Disengage the throttle cable from the bracket and disengage from throttle linkage. Tuck the free cable in front of the engine making sure it cannot get tangled as the engine is removed.
14. Loosen jubilee clips for radiator feed & return pipes. Prise off and remove the hoses. There are 2 large diameter (40mm) hoses.
15. Loosen jubilee clips for cabin heater feed & return pipes. Prise off and remove the hoses. There are 2 small diameter (18mm) hoses.



Technique for raising the vehicle with 2 jacks

1. Incorrect lifting technique could possibly lead to damage of the vehicle structure & bodywork. Caution is required.
2. The 355 has 4 "jack" points under the vehicle. The illustration shows the location of the jack points (arrows A & B). The construction of the 355 is such that lifting the entire vehicle and powertrain weight only from points B simultaneously with the front wheels on the ground puts a high tensile loading on the roof panel (arrow C) and a high cantilever moment at the relatively weak point at the base of the B pillar. This is particularly critical on the GTS & Spider versions.
3. Only jack from both points B simultaneously when lifting the body away from the released engine cradle. When jacking, ensure both doors are closed and the GTS has the roof panel in place.
4. When working on the steps other than lifting the body away from the engine ensure the car is supported by axle stands placed under the main engine frame members adjacent to the suspension lower wishbones.
5. Always firmly chock both front wheels.

