


SECTION 303-01: Engine  
IN-VEHICLE REPAIR

1998 Mark VIII Workshop Manual

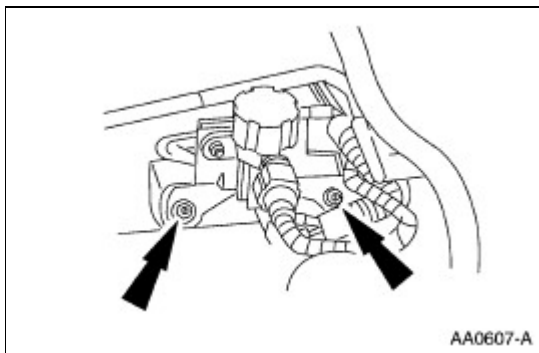
## Valve Cover —LH

### Special Tool(s)

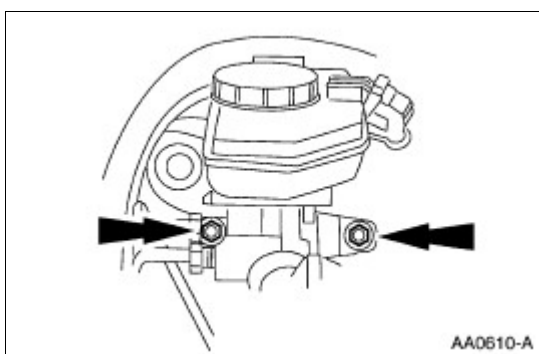
|   |   |
|---|---|
| <br>ST1595-A | Engine Lifting Bracket<br>303-050 (T70P-6000) |
|---|---|

### Removal

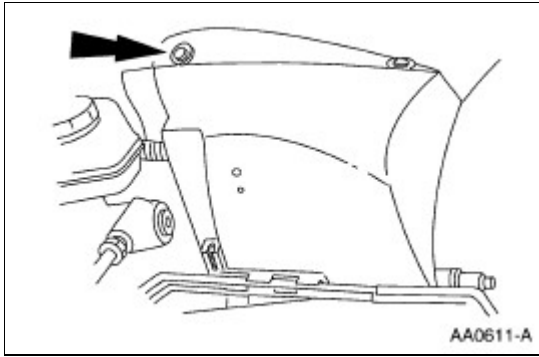
1. Remove the windshield wiper module assembly. For additional information, refer to [Section 501-16](#).
2. Remove the nuts and position the EGR vacuum regulator control out of the way.



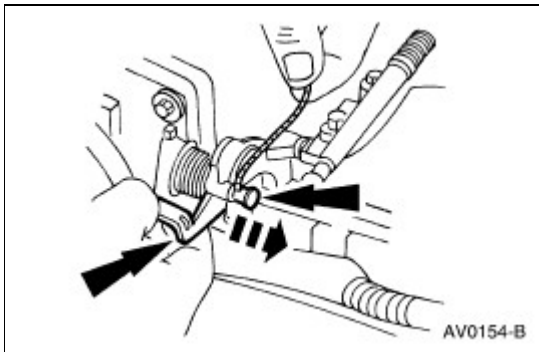
3. Remove the nuts and position the brake master cylinder (2140) aside.



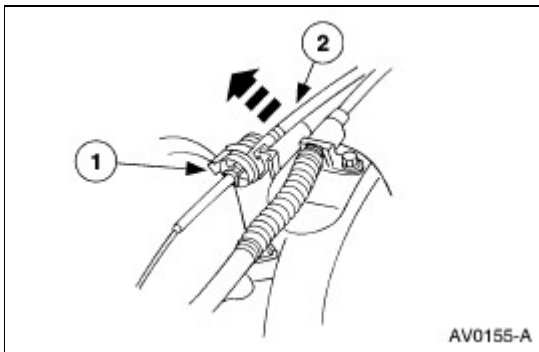
4. Remove the front shock absorber strut cover cup (18A179).



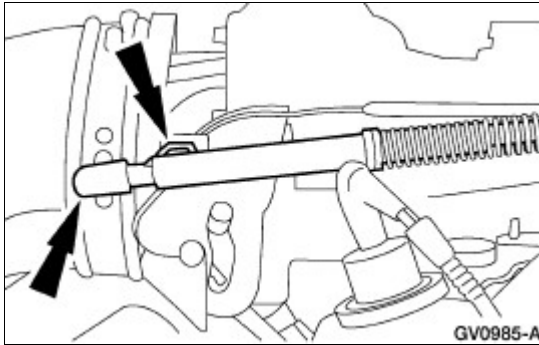
5. Pull the throttle to the open position and remove the accelerator cable (9A758) from the throttle body.



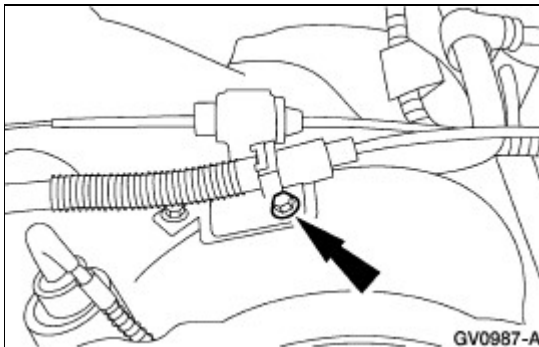
6. Disconnect the accelerator cable at the bracket.
  1. Hand turn the snap connection on the cable counterclockwise until it snaps loose and rotates freely.
  2. Remove the accelerator cable.



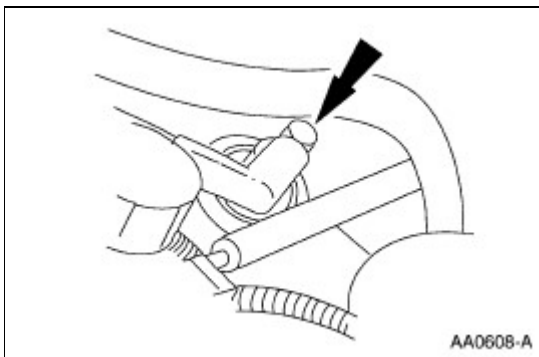
7. Remove the speed control actuator cable from the throttle body.
  - Lift the clip to release the cable.



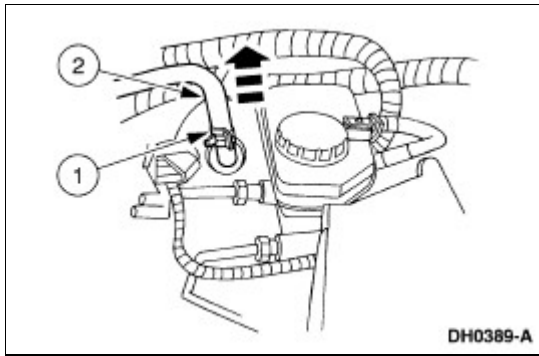
8. Remove the retaining screw from the speed control actuator cable bracket.



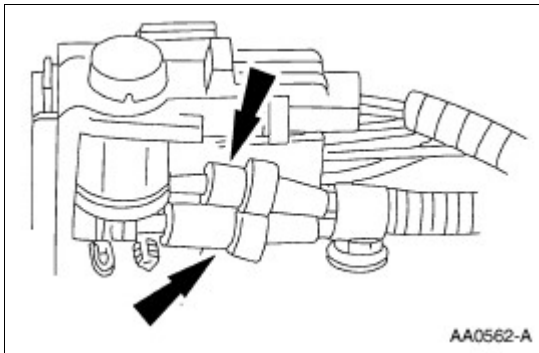
9. Remove the positive crankcase ventilation valve (PCV valve) (6A666) from the crankcase ventilation grommet and position aside.



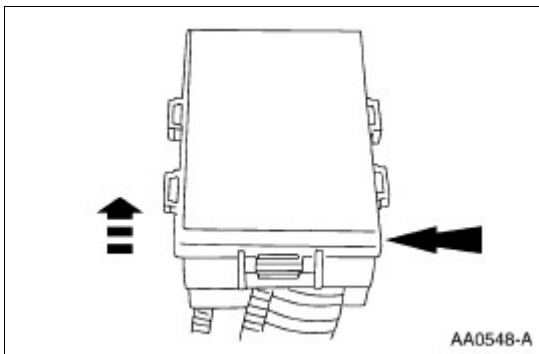
10. Remove the ignition coils. For additional information, refer to [Section 303-07](#).
11. Disconnect the vacuum hose to power brake booster.
  1. Compress the clamp.
  2. Disconnect the power brake booster hose.



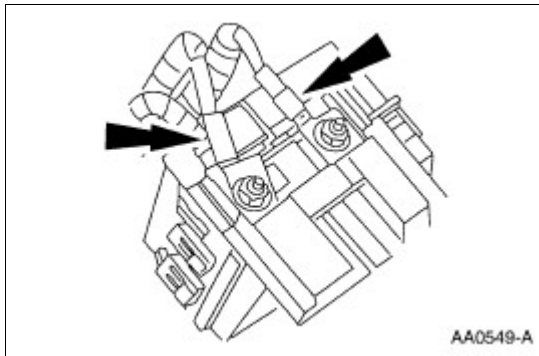
12. Remove the nut and position the wire harness out of the way.
13. Disconnect the vacuum harness from the E.A.S. solenoid near the LH fender wall.



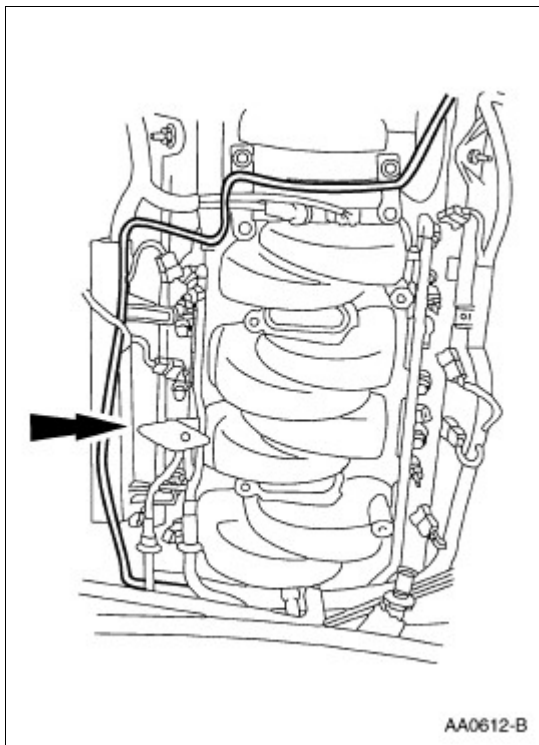
14. Position the power distribution box out of the way.



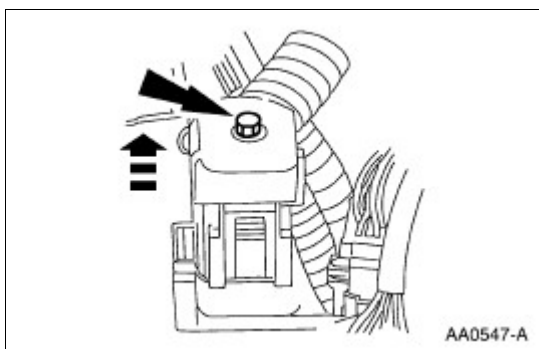
15. Disconnect the electrical connectors from the power distribution box bracket.



16. Remove the bracket screws and remove the bracket.
17. Disconnect the fuel injectors and move the fuel charging wiring (9D930) aside.

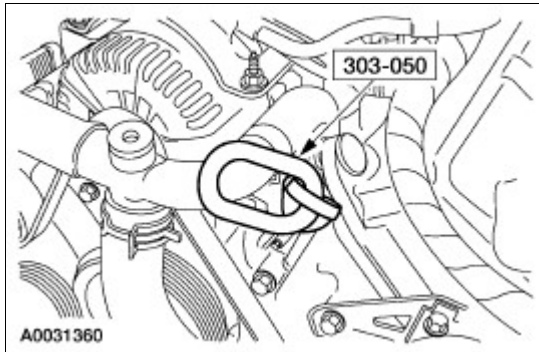


18. Disconnect the 42-pin connector at the rear of the LH valve cover.

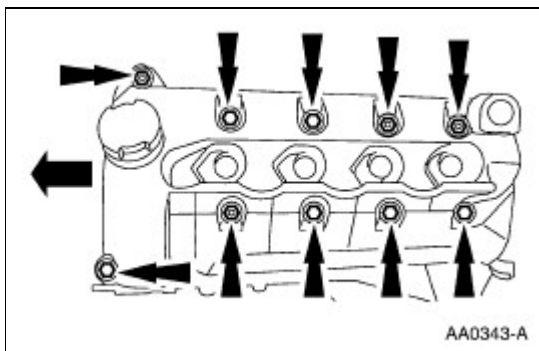


19. Raise and support the vehicle. For additional information, refer to [Section 100-02](#).

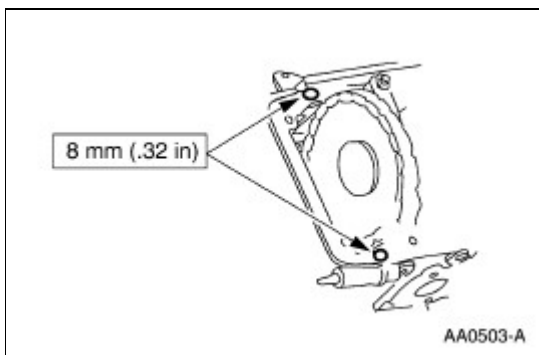
20. Remove the LH engine mount bolt.
21. Lower the vehicle.
22. Install the special tool at the LH cylinder head.



23. Using a suitable floor crane, raise the engine to provide clearance to remove the valve cover.
24. Remove the bolts and remove the valve cover (6582) and the valve cover gasket (6584).
  - Discard the valve cover gasket.



25. Apply Silicone Gasket and Sealant in two places where the engine front cover (6019) meets the cylinder head (6049).
  - Use Silicone Gasket and Sealant F6AZ-19562-AA or equivalent meeting Ford specification WSE-M4G323-A6.



## Installation

1. To install, reverse the removal procedure.
  - Install a new camshaft cover gasket.
  - Check spark plug well seals for placement.

