

Ford Laser 1989-1994 Workshop Manual

CYLINDER HEAD GASKET Replacement

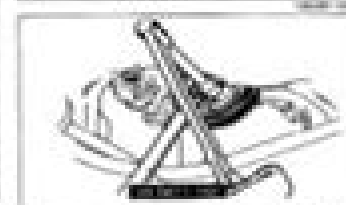
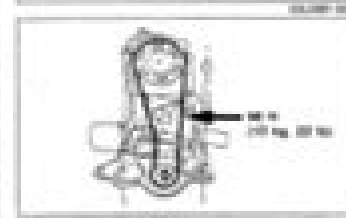
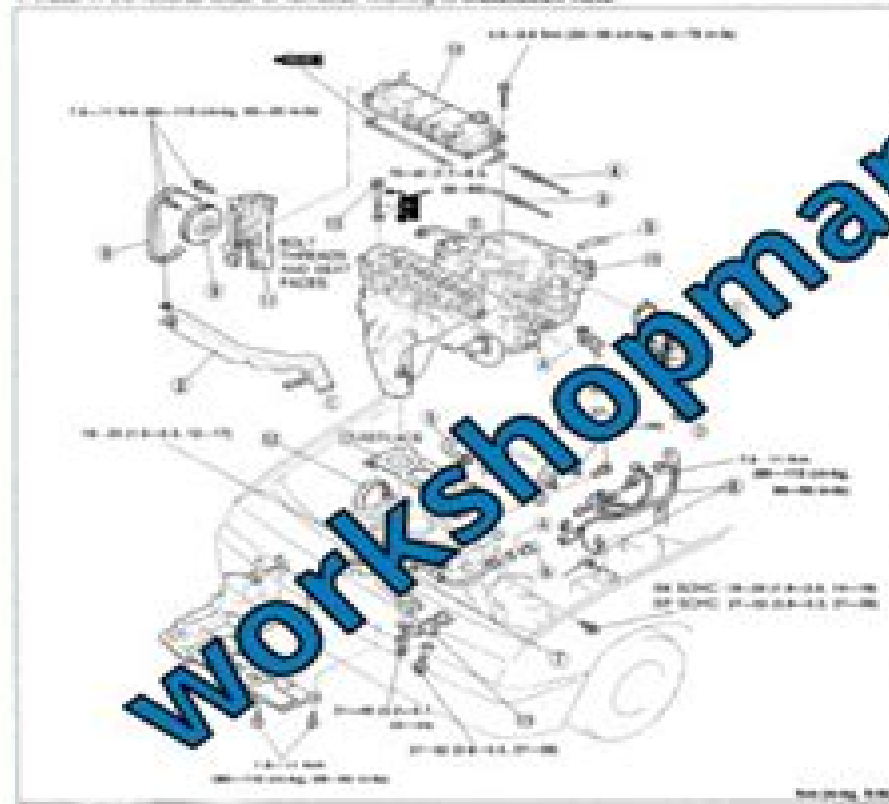
Warning

- Release the fuel pressure. (Refer to Section F.)
- Keep sparks and open flame away from the fuel area.

Caution

- Position the hose clamp in the original location on the hose, and squeeze the clamp tightly with large pliers to ensure a good fit.

1. Disconnect the negative battery cable.
2. Drain the engine coolant.
3. Remove in the order shown in the figure, referring to **Removal Note**.
4. Install in the reverse order of removal, referring to **Installation Note**.



2. Install the timing belt on crankshaft.

3. Turn the crankshaft two turns clockwise, and face the pin on the pulley bolts upward.

4. Install the pulley boss and tighten the lock bolt.
5. Turn the crankshaft two turns clockwise, and face the pin on the pulley bolts upward.
6. Verify that the camshaft pulley marks are aligned with the cylinder head cover marks. If not aligned, remove the timing belt and repeat from tensioner installation.

7. Loosen the tensioner lock bolt to apply tension to the timing belt.

Caution

- Be sure not to apply tension other than that of the tensioner spring.

8. Tighten the tensioner lock bolt.

Tightening torque:

16–20 Nm (1.2–2.4 m·kg, 14–18 ft·lb)

9. Turn the crankshaft 2 turns clockwise and verify that the marks are again correctly aligned.

10. Check the timing belt deflection by applying moderate pressure (88 N, 10 kg, 22 lb) midway between the crankshaft pulley and the camshaft pulley. If the timing belt deflection is not correct, temporarily secure tensioner lock bolt so the spring is fully extended. Repeat Steps 8–9 above or, if necessary, replace the tensioner spring.

Deflection:

11.6–13.0mm (0.45–0.51 in) at 88 N (10 kg, 22 lb)

11. Using the SST remove the pulley lock bolt and pulley boss.

Pulley lock bolt

1. Install the crankshaft pulley boss, and using the SST, tighten the pulley lock bolt.

Tightening torque:

157–167 Nm (15–17 m·kg, 116–123 ft·lb)



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planets are made by observing water vapor in protoplanetary disks webb confirmed a physical process involving the drifting
of ice coated solids from the outer regions of the disk into the rocky planet zone theories have long

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surrounding the star sz chamaeleontis sz cha in just 15 years in 2008 spitzer s detection of significant neon iii made sz cha an
outlier among similar young protoplanetary disks however when webb followed up on sz cha in 2023 the