

Mitsubishi Eclipse 1995-1999 Workshop Manual

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REMOVAL SERVICE POINTS

4A-101 HOUSING CAMSHAFT SPROCKET/INTAKE CAMSHAFT SPROCKET REMOVAL

- (1) Use a wrench at the hexagonal part of the camshaft (to prevent the crankshaft from turning) to loosen the camshaft sprocket bolt.
- (2) Remove the camshaft sprockets.

4A-102 FRONT CAMSHAFT BEARING/REAR CAMSHAFT BEARING (R/L)/REAR CAMSHAFT BEARING (L/R) REMOVAL

- (1) Loosen the bearing cap installation bolts in two or three steps.
- (2) Remove the bearing cap.

NOTE

If the bearing cap is difficult to remove, use a plastic hammer to gently tap the rear part of the camshaft, and then remove.

INSTALLATION SERVICE POINTS

4A-103 INTAKE CAMSHAFT/EXHAUST CAMSHAFT INSTALLATION

- (1) Install the camshafts on the cylinder head.

Caution

Do not confuse the intake side and the exhaust side.

NOTE

Install the camshafts in the following procedure:

- (1) Remove the camshaft arms.
- (2) Install the camshafts on the cylinder head and install the camshaft arms.
- (3) After checking, remove the bearing caps and the camshafts, and install the rocker arms.

- (2) The camshafts dowel pins should be at the positions shown in the figure.

CYLINDER HEAD GASKET

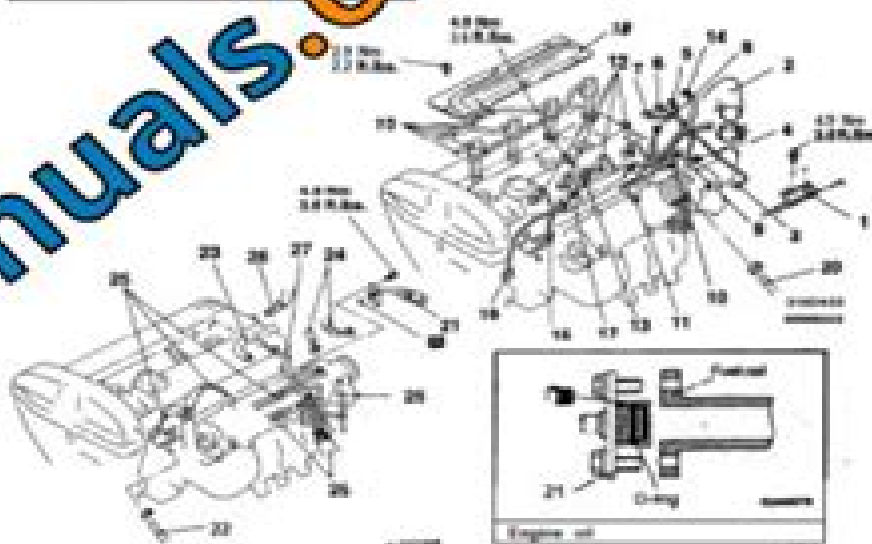
REMOVAL AND INSTALLATION

Pre-removal Operation

- Remove the intake manifold (Refer to GROUP 22 - Maintenance Service.)
- Remove the Exhaust Manifold (Refer to GROUP 22 - Maintenance Service.)
- Remove the Oil Pan (Refer to GROUP 22 - Maintenance Service.)

Installation Operation

- Install the Intake Manifold (Refer to GROUP 22 - Maintenance Service.)
- Install the Exhaust Manifold (Refer to GROUP 22 - Maintenance Service.)
- Install the Oil Pan (Refer to GROUP 22 - Maintenance Service.)



Removal steps

1. Accelerator cable connection (Refer to GROUP 17 - On-vehicle Service.)
2. Air hose G
3. Idle air control motor connector
4. Knock sensor connector
5. Heated oxygen sensor connector
6. Engine coolant temperature gauge and connector
7. Engine coolant temperature sensor connector
8. Ignition power transistor connector
9. Waste position sensor connector
10. Capacitor connector
11. Heated differential pressure sensor connector
12. Injector connectors
13. Ignition coil connector

14. Camshaft position sensor connector
15. Crankshaft position sensor connector
16. Air conditioning compressor (A/C) (Refer to GROUP 17 - On-vehicle Service.)
17. Control wiring harness
18. Center console
19. Spark plug cap
20. Brake booster vacuum hose connection
21. High-pressure fuel hose connection
22. Fuel return hose connection
23. Exhaust valve P-022 connector
24. Exhaust valve P-022 connector
25. Exhaust valve P-022 connector
26. Exhaust valve P-022 connector
27. P-022 hose connection

Mitsubishi Eclipse 1996 1999 Workshop Service Repair Manual

TD Snyder



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