

# EXHAUST SYSTEM REMOVAL/INSTALLATION [ZJ, Z6]

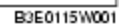
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## Warning

- A hot engine and exhaust system can cause severe burns. Turn off the engine and wait until they are cool before removing the exhaust system.

1. Remove the battery cover. (See [BATTERY REMOVAL/INSTALLATION \[ZJ, Z6\]](#).)
2. Disconnect the negative battery cable.
3. Remove the under cover.
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.



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8	Exhaust manifold bracket
9	Clip
10	WU-TWC (See <a href="#">Exhaust Manifold/Exhaust Manifold Insulator Removal Note.</a> ) (See <a href="#">Exhaust Manifold Installation Note.</a> )
11	Exhaust manifold insulator (See <a href="#">Exhaust Manifold/Exhaust Manifold Insulator Removal Note.</a> )
12	Exhaust manifold gasket

## Exhaust Manifold/Exhaust Manifold Insulator Removal Note

### Caution

- Over bending of the exhaust flexible pipe may cause damage resulting in failure.

### Note

- When removing the exhaust manifold, move the exhaust manifold insulator slightly out of the way, loosen the nuts, then remove the exhaust manifold together with the insulator. Refer to the following procedure.

1. Remove the front wheels and tires.
2. Perform the following procedure for easier access.

### European (L.H.D.) specs.

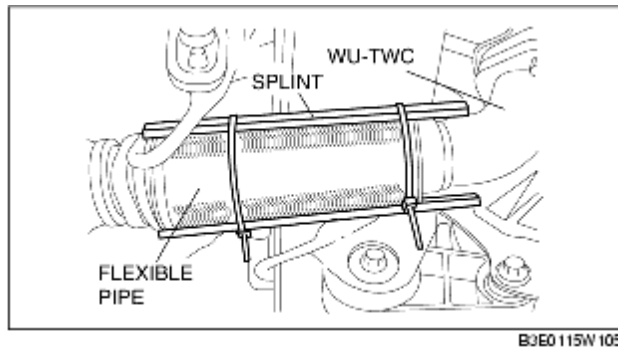
1. Remove the air cleaner cover and the air cleaner case. (See [INTAKE-AIR SYSTEM REMOVAL/INSTALLATION \[ZJ, Z6\].](#))

### U.K. specs.

1. Set the air cleaner cover out of the way. (See [INTAKE-AIR SYSTEM REMOVAL/INSTALLATION \[ZJ, Z6\].](#))
2. Remove the air cleaner case.
3. Remove the EGR pipe (Intake manifold side). (See [INTAKE-AIR SYSTEM REMOVAL/INSTALLATION \[ZJ, Z6\].](#))
4. Remove the EGR valve component. (See [EGR VALVE REMOVAL/INSTALLATION \[ZJ, Z6\].](#))
5. Disconnect the steering shaft from the steering gear and linkage side. (See [STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION.](#))
6. Disconnect the pressure hose and the return hose. (See [STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION.](#))
7. Remove the No.1 engine mount rubber. (See [ENGINE REMOVAL/INSTALLATION \[ZJ, Z6\].](#))
8. Loosen the exhaust manifold insulator bolts.
9. Move the exhaust manifold insulator slightly out of the way and loosen the exhaust manifold nuts.
10. Remove the installation bolts of the front stabilizer and front crossmember component. (See [FRONT CROSSMEMBER REMOVAL/INSTALLATION.](#))
11. Loosen the front crossmember component installation bolts and lower the front crossmember component

approx. 100 mm {3.94 in}. (See [FRONT CROSSMEMBER REMOVAL/INSTALLATION](#).)

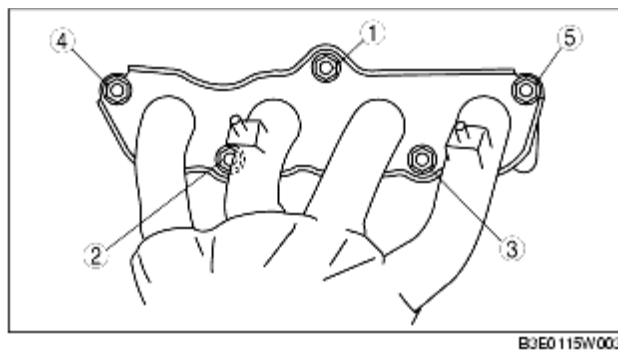
12. Support the flexible pipe with a support wrap or splint as shown in the figure.



13. Remove the exhaust manifold together with the insulator by lowering it to the underside of the vehicle.

### Exhaust Manifold Installation Note

1. Tighten the exhaust manifold installation nuts in the order shown in the figure.



### EGR Pipe Installation Note

1. Tighten the EGR pipe bolts and nuts in the order shown in the figure.

