

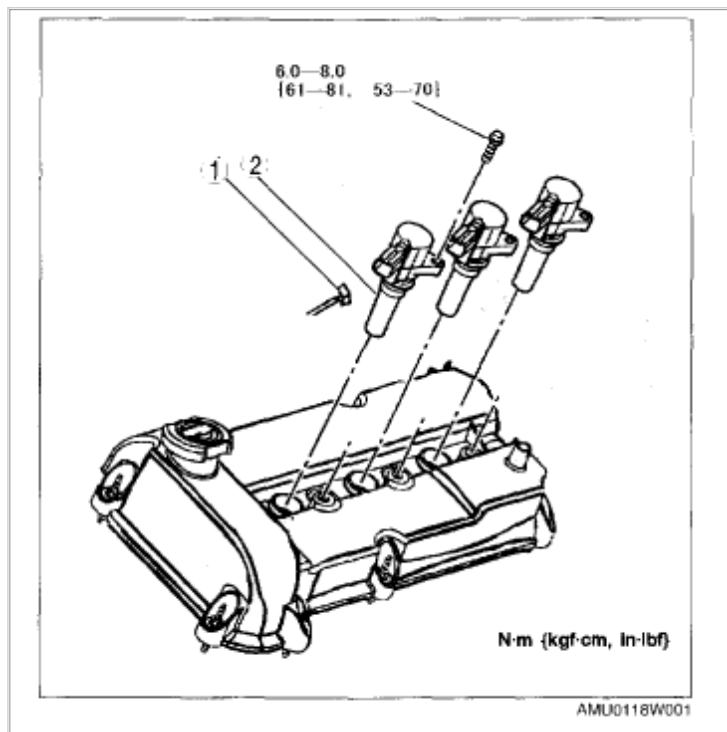
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Component Search:

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[Conversion Calculator](#)**2003 Mazda Truck MPV V6-3.0L DOHC**[Vehicle Level](#) → [Powertrain Management](#) → [Ignition System](#) → [Ignition Coil](#) → [Service and Repair](#) ←**Service and Repair**[Notes](#)**IGNITION COIL REMOVAL/INSTALLATION**

1. Disconnect the negative battery cable.
2. LH: Remove the plug hole plate. (See TIMING CHAIN REMOVAL/INSTALLATION). RH: Remove the dynamic chamber. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION).



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3. Remove in the order indicated below.
 1. Connector
 2. Ignition coil
4. Install in the reverse order of removal.
 - Apply a light film of silicon brake caliper grease and dielectric compound to

the interior of the [spark plug](#) boot prior to installation.

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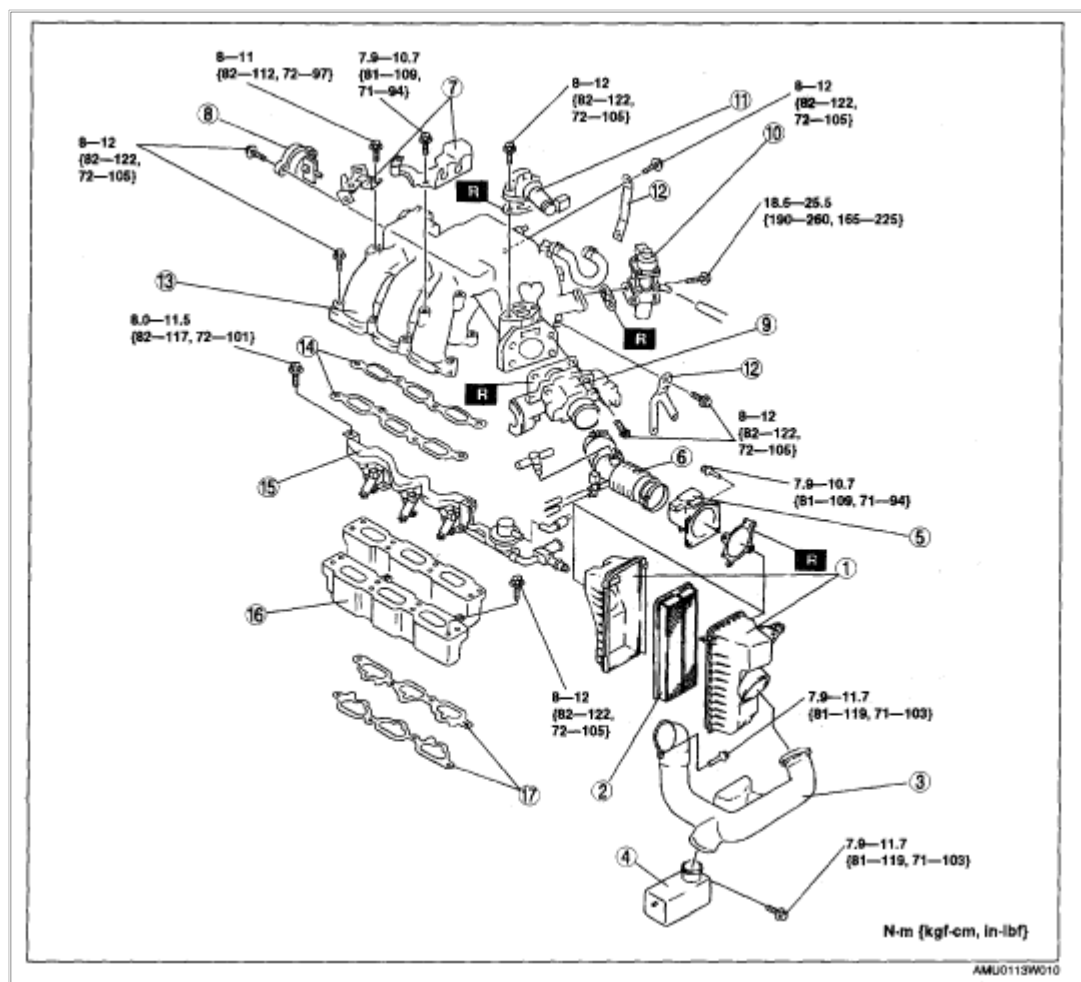
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Component Search:

 [Conversion Calculator](#)**2003 Mazda Truck MPV V6-3.0L DOHC**[Vehicle Level](#) → [Engine, Cooling and Exhaust](#) → [Engine](#) → [Intake Manifold](#) → [Service and Repair](#) → [Intake-Air System Removal/Installation](#) ←**Intake-Air System Removal/Installation**[Notes](#)**INTAKE-AIR SYSTEM REMOVAL/INSTALLATION****WARNING**

- **When the engine and intake-air system are hot, they can badly burn. Turn off the engine and wait until they are cool before removing the intake-air system.**
- **Fuel vapor is hazardous. It can easily ignite, causing serious injury and damage. Always keep sparks and flames away from fuel.**
- **Fuel line spills and leakage are dangerous. Fuel can ignite and cause serious injuries or death and damage. Fuel can also irritate skin and eyes. To prevent this, always complete the "Fuel Line Safety Procedure". (See BEFORE REPAIR PROCEDURE.)**

1. Disconnect the negative battery cable.



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2. Remove in the order indicated below.
 1. Air cleaner
 2. Air cleaner element
 3. Fresh-air duct (See Fresh-air Duct Removal Note)
 4. Resonance chamber (See Resonance Chamber Removal Note)
 5. Mass air flow sensor
 6. Air hose
 7. Accelerator cable bracket
 8. IMCC actuator
 9. Throttle body
 10. EGR valve (See EGR VALVE REMOVAL/INSTALLATION)
 11. IAC valve
 12. Bracket
 13. Dynamic chamber (See Dynamic Chamber Installation Note)
 14. Dynamic chamber gasket
 15. Fuel distributor (See Fuel Distributor Removal Note)
 16. Intake manifold (See Intake Manifold Installation Note)
 17. [Intake manifold gasket](#)

3. Install in the reverse order of removal.

Fresh-air Duct Removal Note

1. Remove the fuse box, battery and battery tray before removing the fresh-air duct. (See BATTERY REMOVAL/INSTALLATION.)

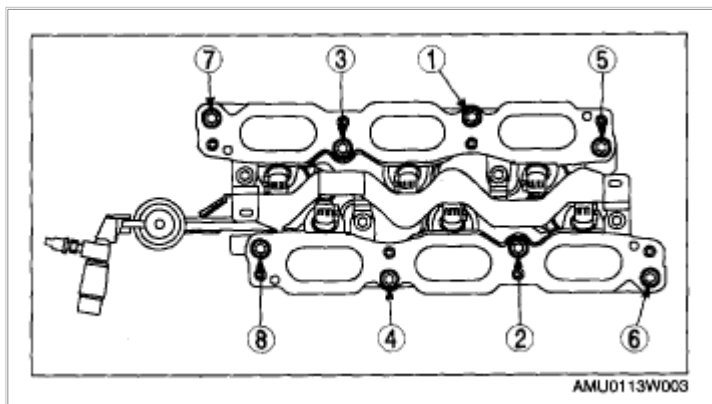
Resonance Chamber Removal Note

1. Remove the front mudguard (LH) before removing the resonance chamber. (See FRONT FENDER PANEL REMOVAL/INSTALLATION.)

Fuel Distributor Removal Note

1. Disconnect the fuel injector connector and fuel hoses using the SST before removing the fuel distributor. (See FUEL INJECTOR REMOVAL/INSTALLATION.)

Intake Manifold installation Note

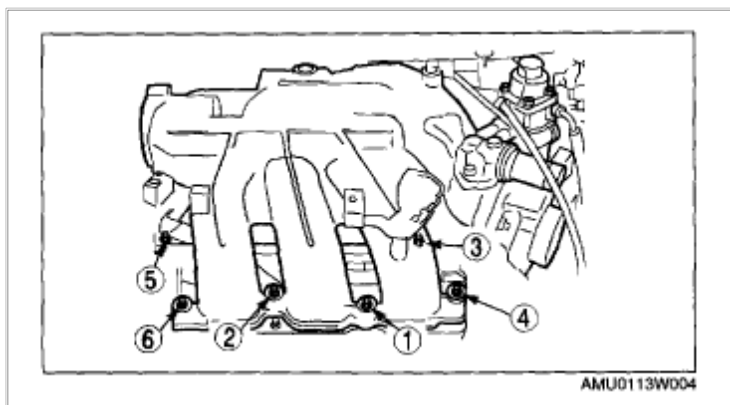


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1. Tighten the intake manifold installation bolts in the order indicated. Tightening torque: **8 - 12 N.m {82 - 122 kgf.cm, 72 - 105 in.lbf}**

Dynamic Chamber Installation Note



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1. Tighten the dynamic chamber installation bolts in the order indicated. Tightening torque: **8 - 12 N.m {82 - 122 kgf.m, 72 - 105 in.lbf}**

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