

2007 ENGINE

Exhaust System (MZI-3.5) - CX-9

EXHAUST SYSTEM INSPECTION [MZI-3.5]

1. Start the engine and inspect each exhaust system component for exhaust gas leakage.
 - If leakage is found, repair or replace as necessary.

EXHAUST SYSTEM REMOVAL/INSTALLATION [MZI-3.5]

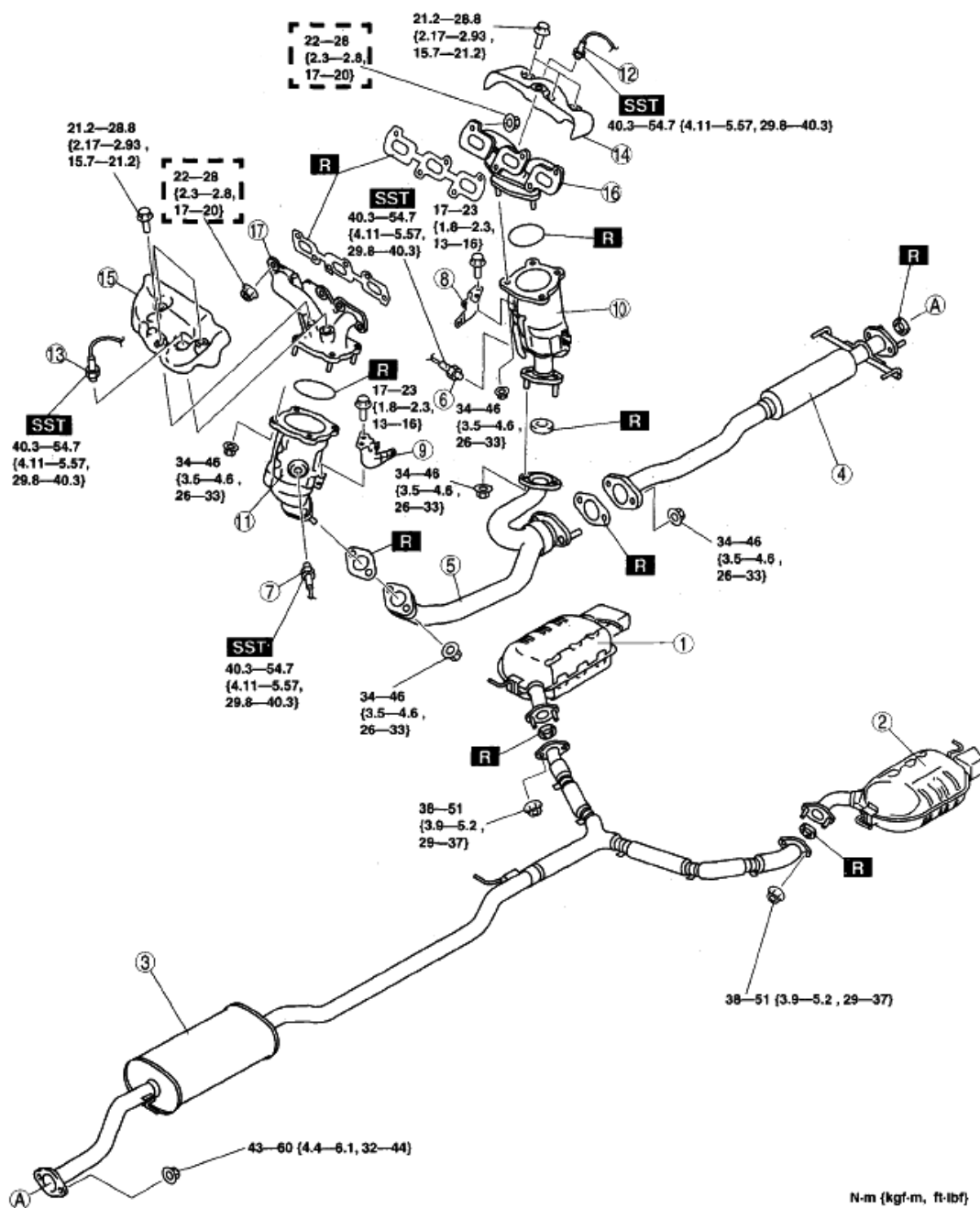
WARNING:

- **When the engine and exhaust system are hot, they can badly burn. Turn off the engine and wait until they are cool before removing the exhaust system.**

1. Disconnect the negative battery cable. (see **BATTERY REMOVAL/INSTALLATION [MZI-3.5]** .)
2. Remove the engine cover. (see **ENGINE COVER REMOVAL/INSTALLATION [MZI-3.5]** .)
3. Remove in the order indicated in the table.
4. Install in the reverse order of removal.

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N-m (kgf-m, ft-lbf)

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1	Main silencer (RH)
2	Main silencer (LH)
3	Presilencer
4	Middle pipe
5	Front pipe
6	Rear HO2S (RH) (See REAR HEATED OXYGEN SENSOR (HO2S) REMOVAL/INSTALLATION [MZI-3.5].)
7	Rear HO2S (LH) (See REAR HEATED OXYGEN SENSOR (HO2S) REMOVAL/INSTALLATION [MZI-3.5].)
8	WU-TWC (RH) bracket (L type)
9	WU-TWC (LH) bracket (L type)
10	W.U.TWC (RH)

11	WU-TWC (LH) (See Warm Up Three Way Catalytic Converter (WU-TWC) (LH) Installation Note.)
12	Front HO2S (RH) (See FRONT HEATED OXYGEN SENSOR (HO2S) REMOVAL/INSTALLATION [MZI-3.5].)
13	Front HO2S (LH) (See FRONT HEATED OXYGEN SENSOR (HO2S) REMOVAL/INSTALLATION [MZI-3.5].)
14	Exhaust manifold insulator (RH)
15	Exhaust manifold insulator (LH) (See Exhaust Manifold Insulator (LH)

Fig. 1: Exploded View Of Exhaust System Components With Torque Specifications

WARM UP THREE WAY CATALYTIC CONVERTER (WU-TWC) (RH) REMOVAL NOTE

2WD

1. Remove the joint shaft. (see **JOINT SHAFT REMOVAL/INSTALLATION [2WD]** .)
2. Remove the WU-TWC (RH).

AWD

1. Remove the joint shaft. (see **JOINT SHAFT REMOVAL/INSTALLATION [AWD]** .)
2. Remove the insulator. (see **STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION** .)
3. Remove the No.1 engine mount (transaxle side). (see **ENGINE REMOVAL/INSTALLATION [MZI-3.5]** .)
4. Push up the engine.
5. Remove the WU-TWC (RH).

EXHAUST MANIFOLD INSULATOR (LH) REMOVAL NOTE

1. Set the fan control module out of the way. (see **FAN MOTOR REMOVAL/INSTALLATION [MZI-3.5]** .)
2. Remove the exhaust manifold Insulator (LH).

WARM UP THREE WAY CATALYTIC CONVERTER (WU-TWC) (LH) INSTALLATION NOTE

1. Install the WU-TWC (LH) insulator.
2. Temporarily tighten WU-TWC (LH) bracket.
3. Temporarily tighten WU-TWC (LH) bracket (L type) (engine side).
4. Install the WU-TWC (LH).
5. Install the WU-TWC (LH) bracket.
6. Install the WU-TWC (LH) bracket (L type).

WARM UP THREE WAY CATALYTIC CONVERTER (WU-TWC) (RH) INSTALLATION NOTE

2WD

1. Install the WU-TWC (RH) insulator.
2. Temporarily tighten WU-TWC (RH) bracket.
3. Temporarily tighten WU-TWC (RH) bracket (L type) (engine side).
4. Install the WU-TWC (RH).
5. Install the WU-TWC (RH) bracket.
6. Install the WU-TWC (RH) bracket (L type).

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AWD

1. Install the WU-TWC (RH) insulator.
2. Temporarily tighten WU-TWC (RH) bracket.
3. Temporarily tighten WU-TWC (RH) bracket (L type) (engine side).
4. Push up the engine.
5. Install the WU-TWC (RH).
6. Install the No.1 engine mount (transaxle side). (see **ENGINE REMOVAL/INSTALLATION [MZI-3.5]** .)
7. Install the insulator. (see **STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION** .)
8. Install the joint shaft. (see **JOINT SHAFT REMOVAL/INSTALLATION [AWD]** .)
9. Install the WU-TWC (RH) bracket.