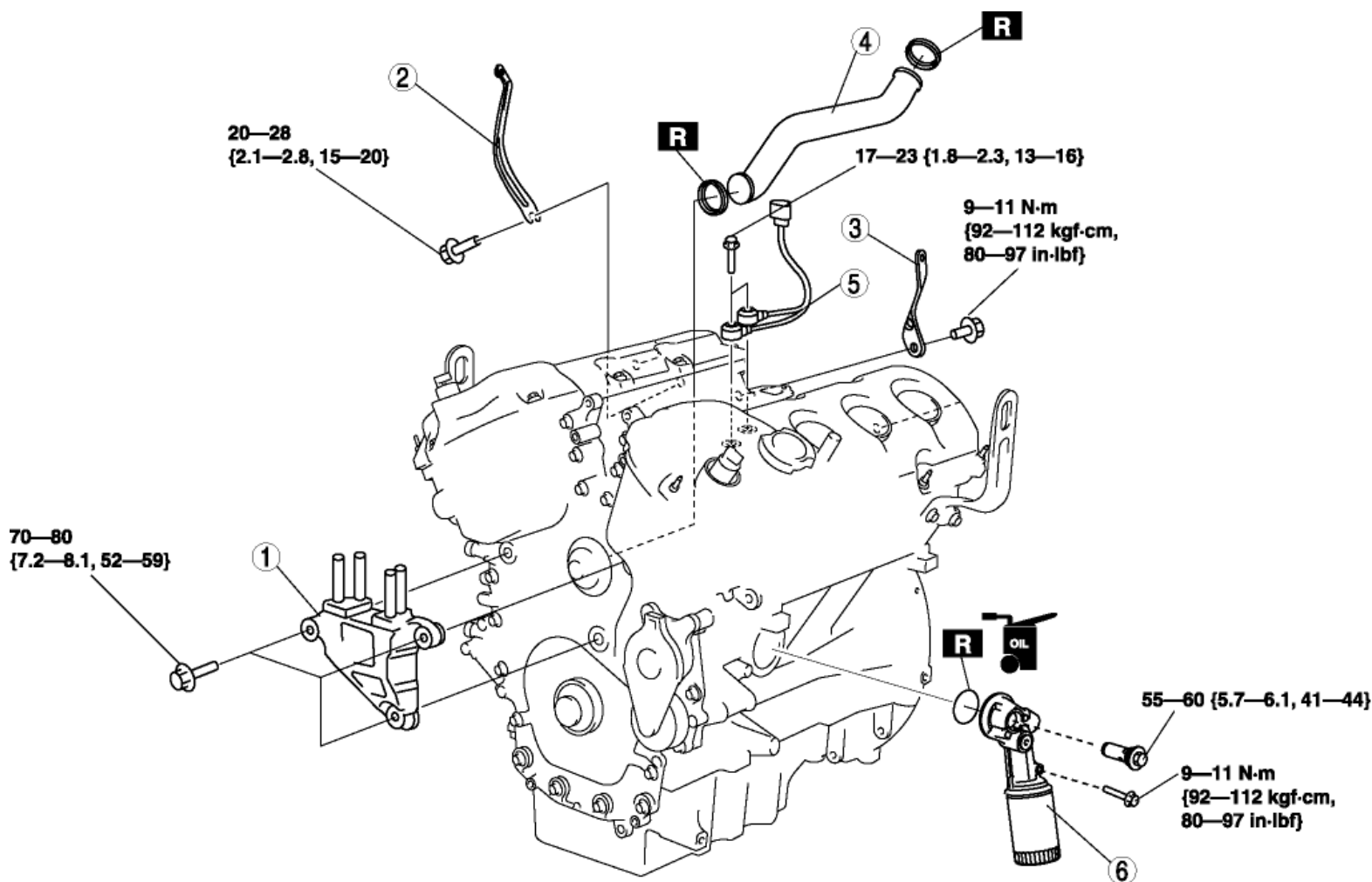


2012 - Mazda6 - Engine

ENGINE DISASSEMBLY/ ASSEMBLY [MZI 3.7 V6]

1. Remove the transaxle from the engine. (See [AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION \[AY6A-EL\]](#).)
2. Remove the drive plate. (See [DRIVE PLATE REMOVAL/ INSTALLATION \[AY6A-EL\]](#).)
3. Remove the ignition coils. (See [IGNITION COIL REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
4. Remove the CMP sensor. (See [CAMSHAFT POSITION \(CMP\) SENSOR REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
5. Remove the power steering oil pump. (See [POWER STEERING OIL PUMP REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
6. Remove the generator. (See [GENERATOR REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
7. Remove the fuel injector and fuel distributor. (See [FUEL INJECTOR REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
8. Remove the intake-air system. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
9. Remove the exhaust system. (See [EXHAUST SYSTEM REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
10. Remove the thermostat case and water hose component. (See [THERMOSTAT REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
11. Remove the CHT sensor. (See [CYLINDER HEAD TEMPERATURE \(CHT\) SENSOR REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
12. Remove the CKP sensor. (See [CRANKSHAFT POSITION \(CKP\) SENSOR REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
13. Remove the oil pressure switch. (See [OIL PRESSURE INSPECTION \[MZI 3.7 V6\]](#).)
14. Disassemble in the order indicated in the table.
15. Assemble in the reverse order of disassembly.



N·m {kgf·m, ft·lbf}

1	No.3 engine mount bracket
2	Dynamic chamber bracket (engine right side)
3	Dynamic chamber bracket (engine back side)
4	Water inlet pipe (See Water Inlet Pipe Installation Note .)
5	KS (See KNOCK SENSOR (KS) REMOVAL/ INSTALLATION [MZI 3.7 V6] .)
6	Oil filter adapter and oil filter

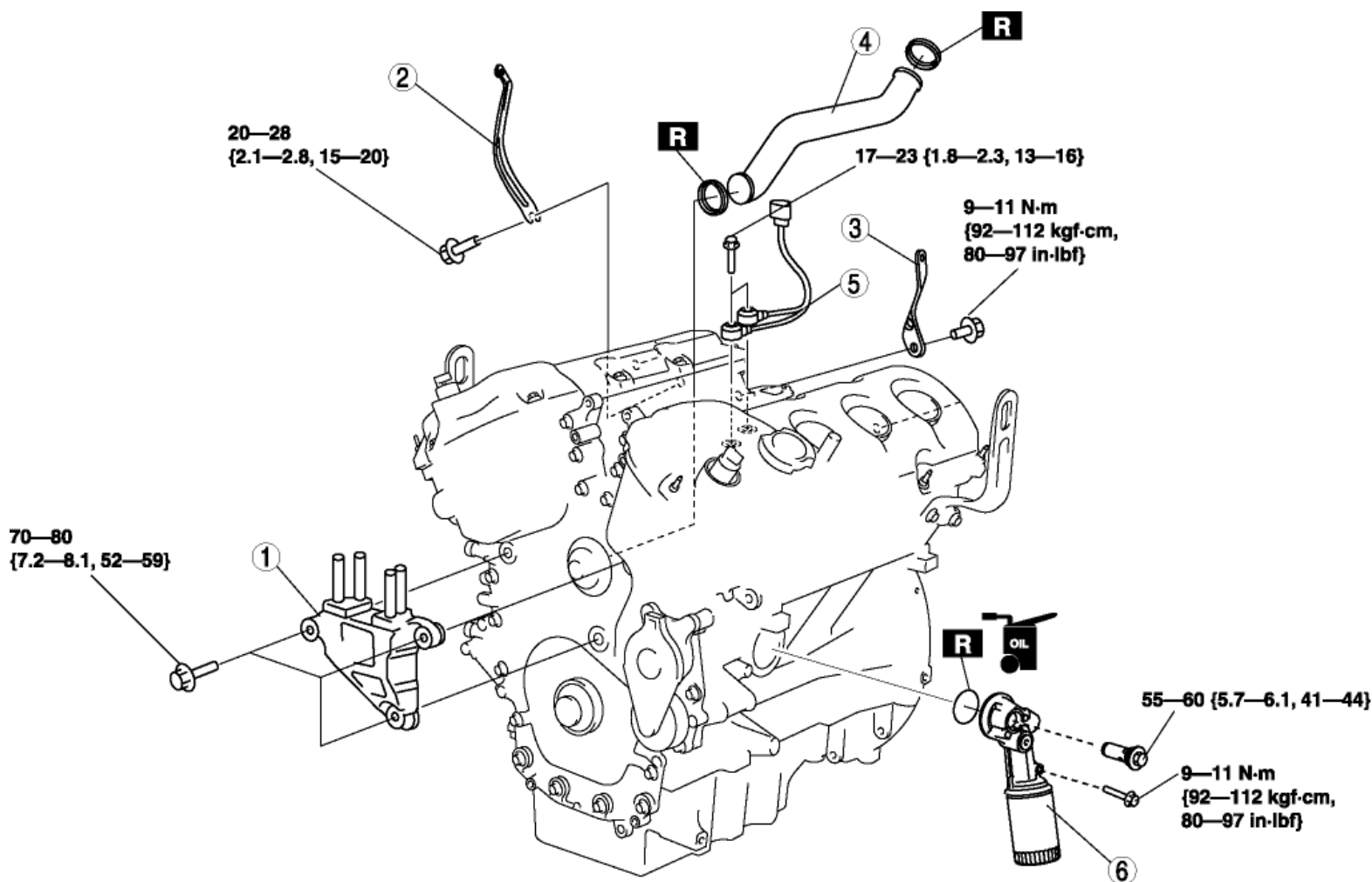
Water Inlet Pipe Installation Note

1. Apply clean engine coolant to the O-ring.

2012 - Mazda6 - Engine

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