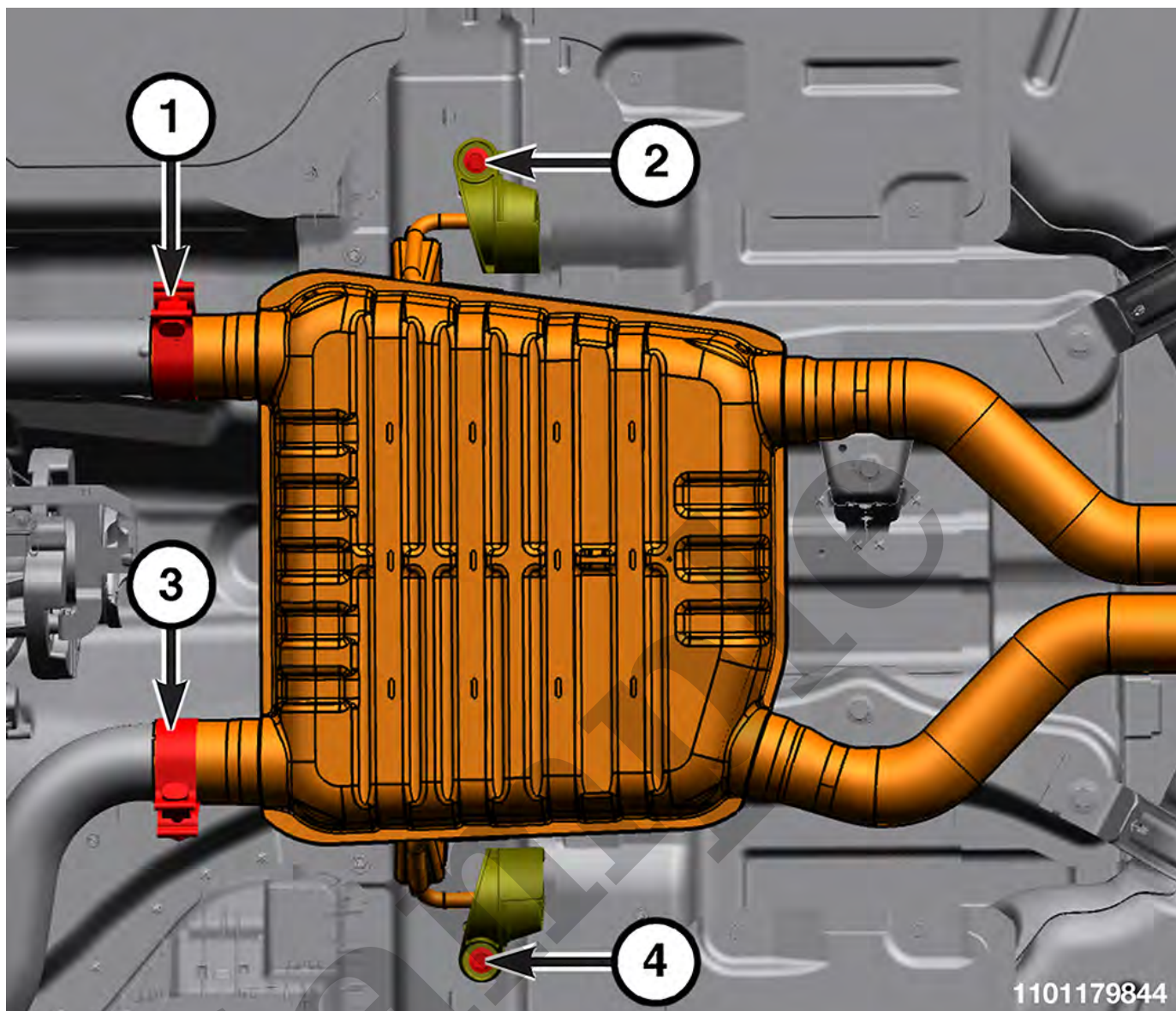


Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2013 Jeep Patriot Service and Repair Manual

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1 - Left Exhaust Muffler Clamp Nut

2 - Exhaust Isolator Bolt

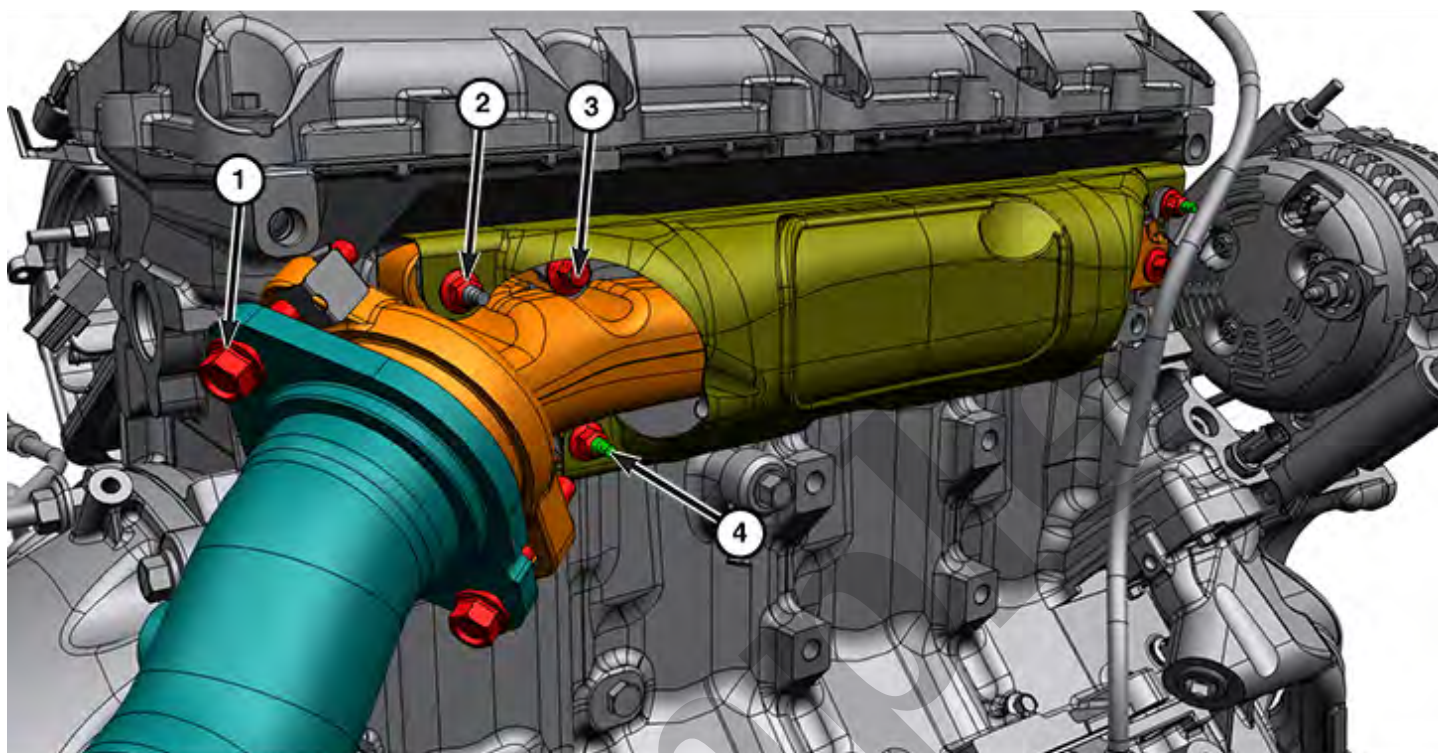
3 - Right Exhaust Muffler Clamp Nut

4 - Exhaust Isolator Bolt

6. Loosen the left and right exhaust muffler clamp nuts.
7. Support the exhaust system with a suitable stand.
8. Remove the left and right exhaust isolator bolts.
9. Separate the left catalytic convertor from the resonator.

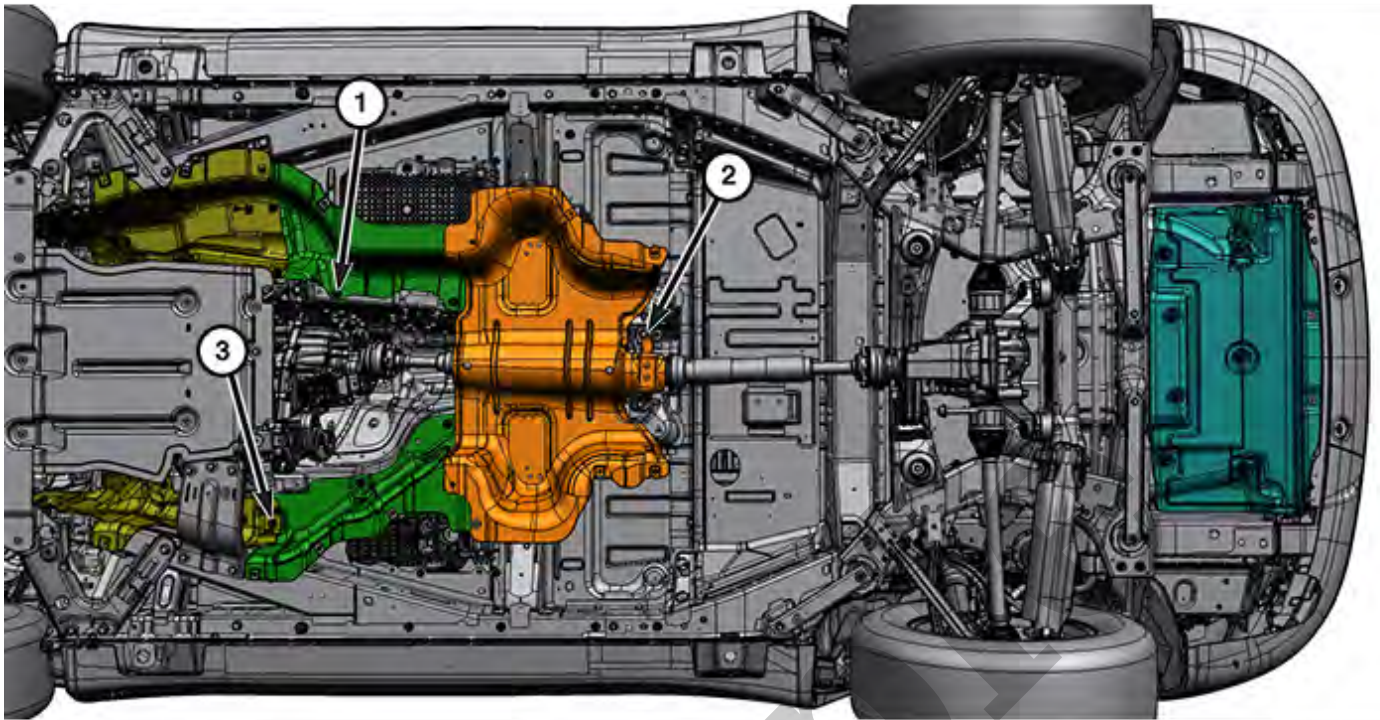
- Start the engine and inspect for exhaust leaks. Repair exhaust leaks as necessary.

TORQUE SPECIFICATION - EXHAUST SYSTEM - 5.7L



0903190133

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Catalytic Converter To Manifold Bolts	30 N·m (22 Ft. Lbs.)	-
2	Exhaust Manifold Heat Shield Nuts	10 N·m (7 Ft. Lbs.)	-
3	Exhaust Manifold Bolts	25 N·m (18 Ft. Lbs.)	Tightening Sequence - Left Manifold



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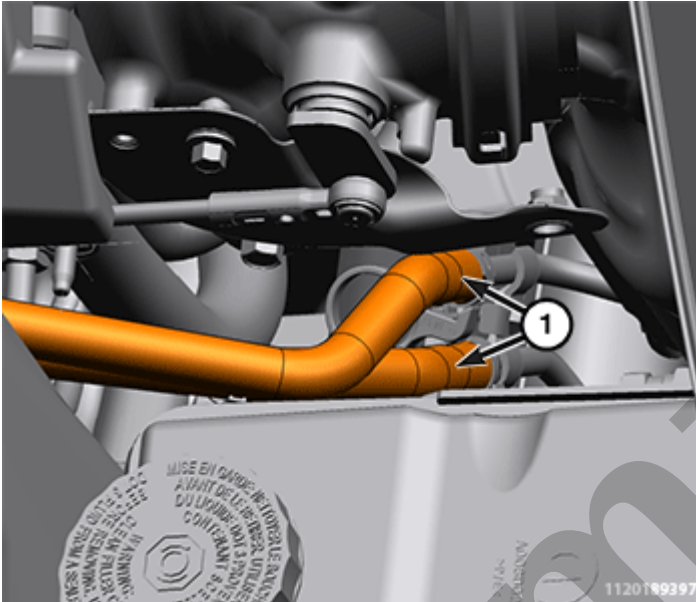
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Heat Shield Nuts - Plastic	5 N·m (44 In. Lbs.)	-
2	Heat Shield Bolts	18 N·m (13 Ft. Lbs.)	-
3	Heat Shield Nuts - Steel	8 N·m (71 In. Lbs.)	-
-	Spare Tire Heat Shield To Underbody (Heat Shield Bolts)	6 N·m (53 In. Lbs.)	-

TORQUE SPECIFICATIONS - ENGINE SENSORS

4 - Differential Pressure Sensor Hose Bracket Nut

5 - Differential Pressure Sensor Hose Bracket

2. Remove the differential pressure sensor hose bracket nut the differential pressure sensor hose bracket.
3. Disconnect the differential pressure sensor hoses.
4. Remove the differential pressure sensor screw and the differential pressure sensor.



1 - Differential Pressure Sensor Hoses

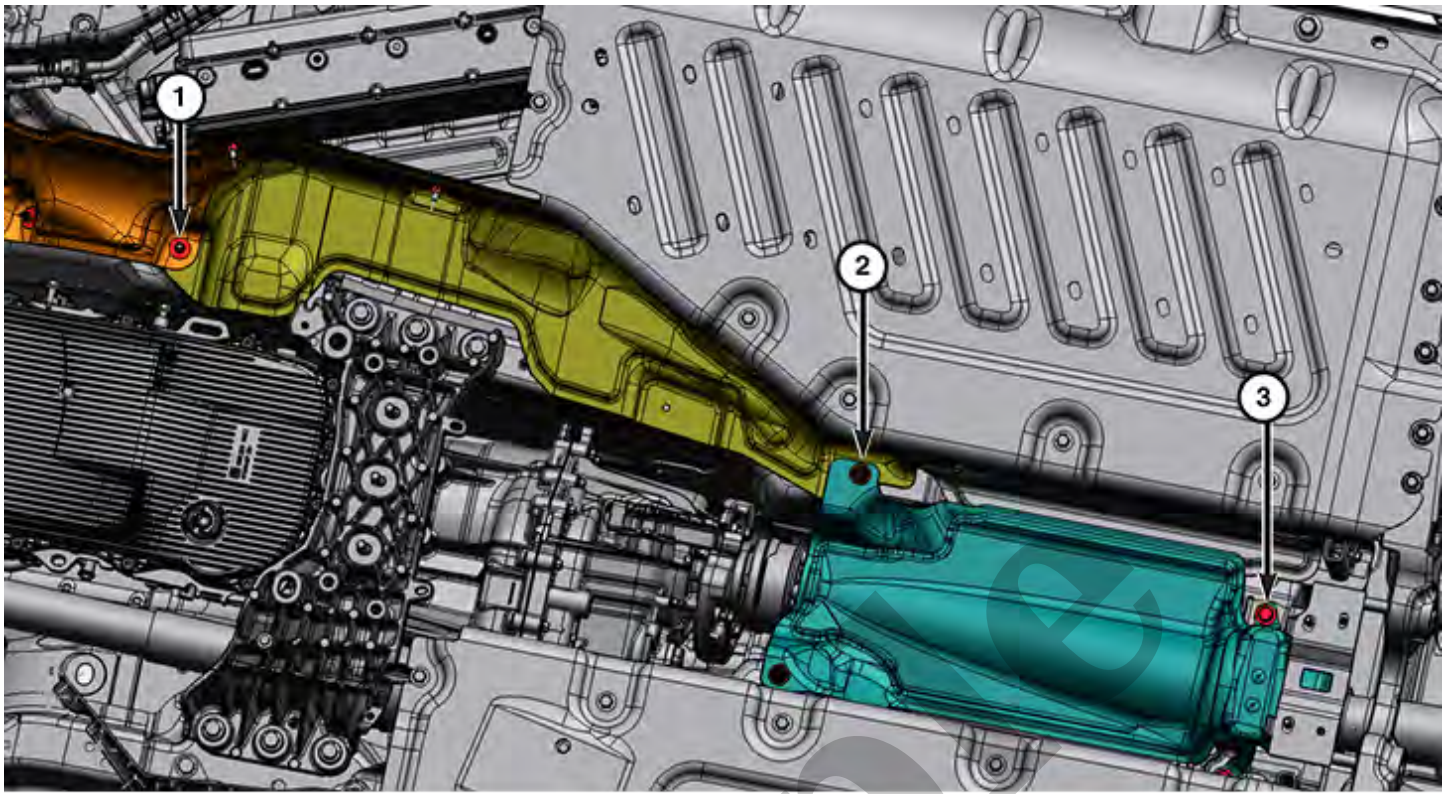
5. If necessary, disconnect the differential pressure sensor hoses from the Gas Particulate Filter (GPF).
6. If necessary, remove the GPF module bracket to shock tower nuts and the GPF module bracket.

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle.

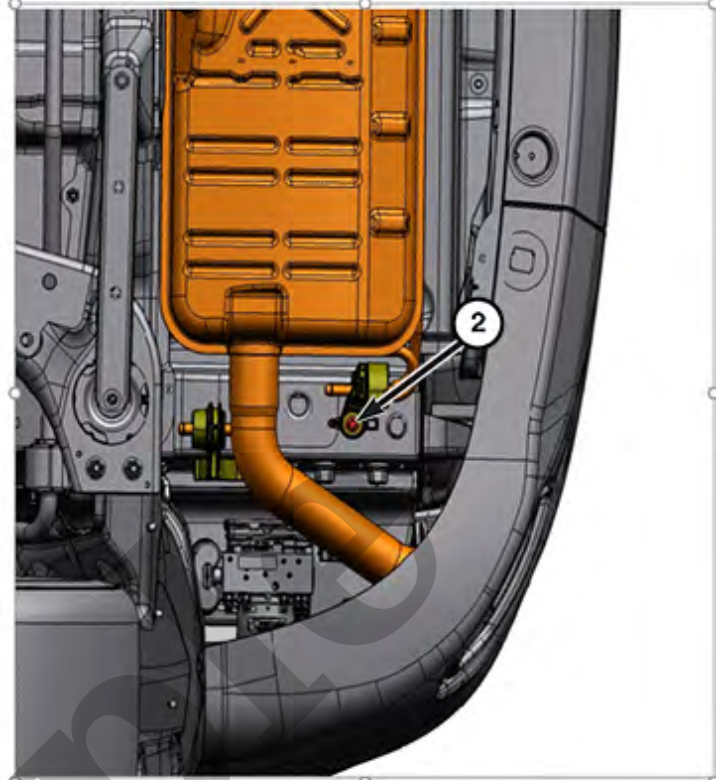
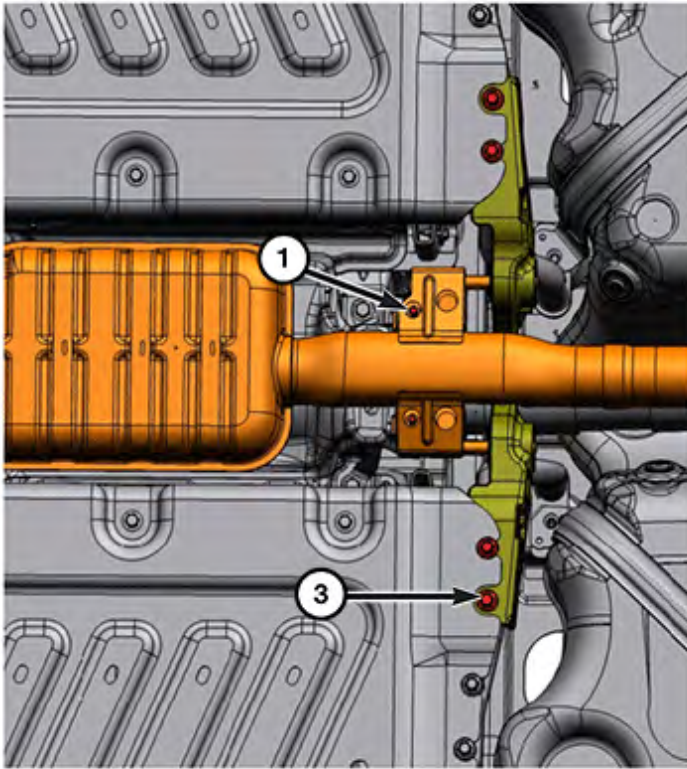
- Install the differential pressure sensor and securely tighten the screw.
- Restore operations using the diagnostic tool when replacing the DPF differential pressure sensor.

TORQUE SPECIFICATIONS - EXHAUST SYSTEM



1105193574

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Heat Shield Nuts (Steel)	5 N·m (44 In. Lbs.)	–
2	Heat Shield Nuts (Plastic)	5 N·m (44 In. Lbs.)	–
3	Center Heat Shield to Center Support Bearing Bolts	55 N·m (41 Ft. Lbs.)	–
–	Catalytic Converter Heat Shield Nut (Steel)	4 N·m (35 In. Lbs.)	–
–	Catalytic Converter to Turbocharger Exhaust Clamp Bolts	20 N·m (15 Ft. Lbs.)	–
–	Catalytic Converter Support Bracket Bolts	25 N·m (18 Ft. Lbs.)	–
–	Gas Particulate Filter Module Bracket to Shock Tower	35 N·m (26 Ft. Lbs.)	–
–	Catalytic Converter Support Bracket Nuts	30 N·m (22 Ft. Lbs.)	–



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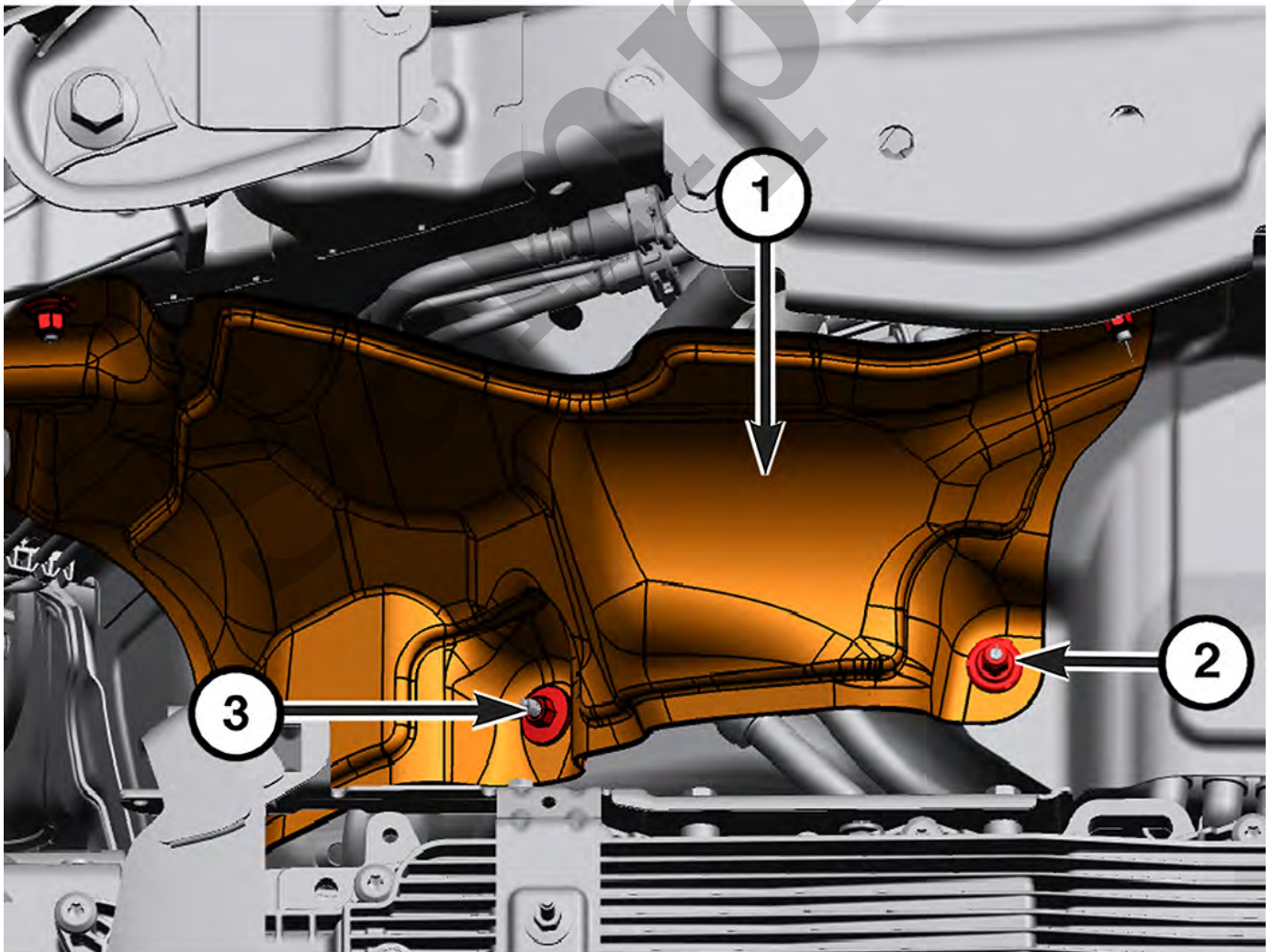
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Resonator Isolator Bolt(s)	25 N·m (18 Ft. Lbs.)	-
2	Muffler Isolator Bolt(s)	25 N·m (18 Ft. Lbs.)	-
3	Isolator to Body Bracket Bolt(s)	25 N·m (18 Ft. Lbs.)	-

Catalytic Converter Heat Shield

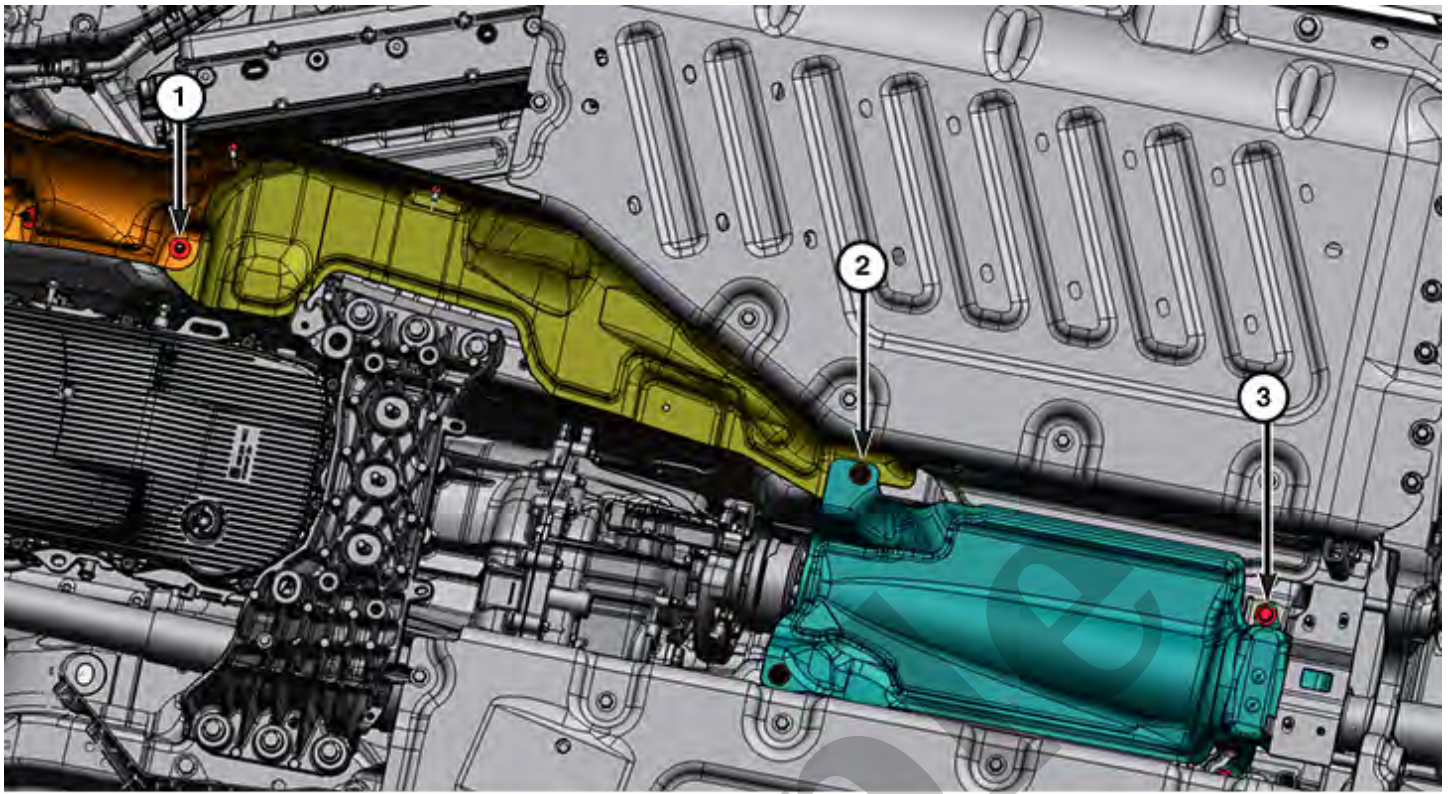
CATALYTIC CONVERTER HEAT SHIELD

REMOVAL

1. Remove the catalytic converter ([Refer to Exhaust System/CONVERTER, Catalytic/Removal and Installation](#)).

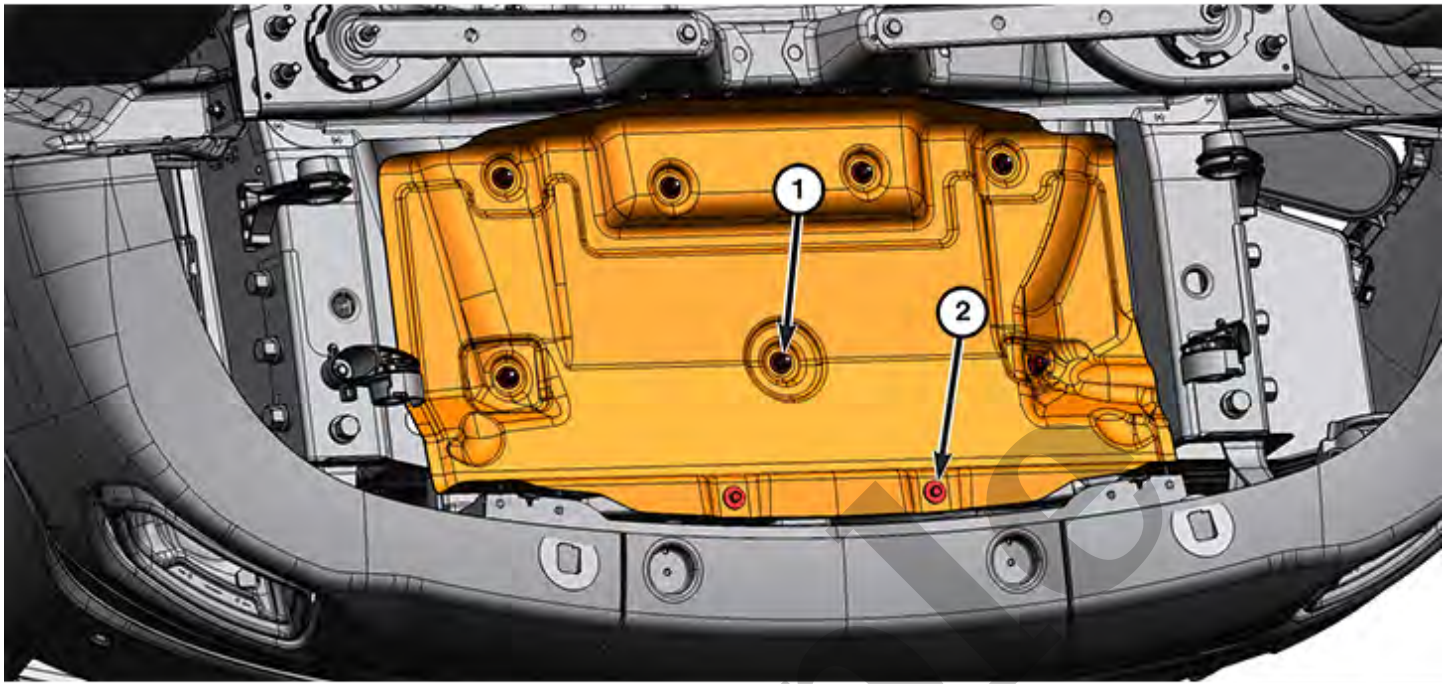


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CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Heat Shield Nuts (Steel)	5 N·m (44 In. Lbs.)	–
2	Heat Shield Nuts (Plastic)	5 N·m (44 In. Lbs.)	–
3	Center Heat Shield to Center Support Bearing Bolts	55 N·m (41 Ft. Lbs.)	–
–	Catalytic Converter Heat Shield Nut (Steel)	4 N·m (35 In. Lbs.)	–
–	Catalytic Converter to Turbocharger Exhaust Clamp Bolts	20 N·m (15 Ft. Lbs.)	–
–	Catalytic Converter Support Bracket Bolts	25 N·m (18 Ft. Lbs.)	–
–	Gas Particulate Filter Module Bracket to Shock Tower	35 N·m (26 Ft. Lbs.)	–
–	Catalytic Converter Support Bracket Nuts	30 N·m (22 Ft. Lbs.)	–



1105193575

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Heat Shield Nuts (Plastic)	5 N·m (44 In. Lbs.)	-
2	Heat Shield Bolt	5 N·m (44 In. Lbs.)	-