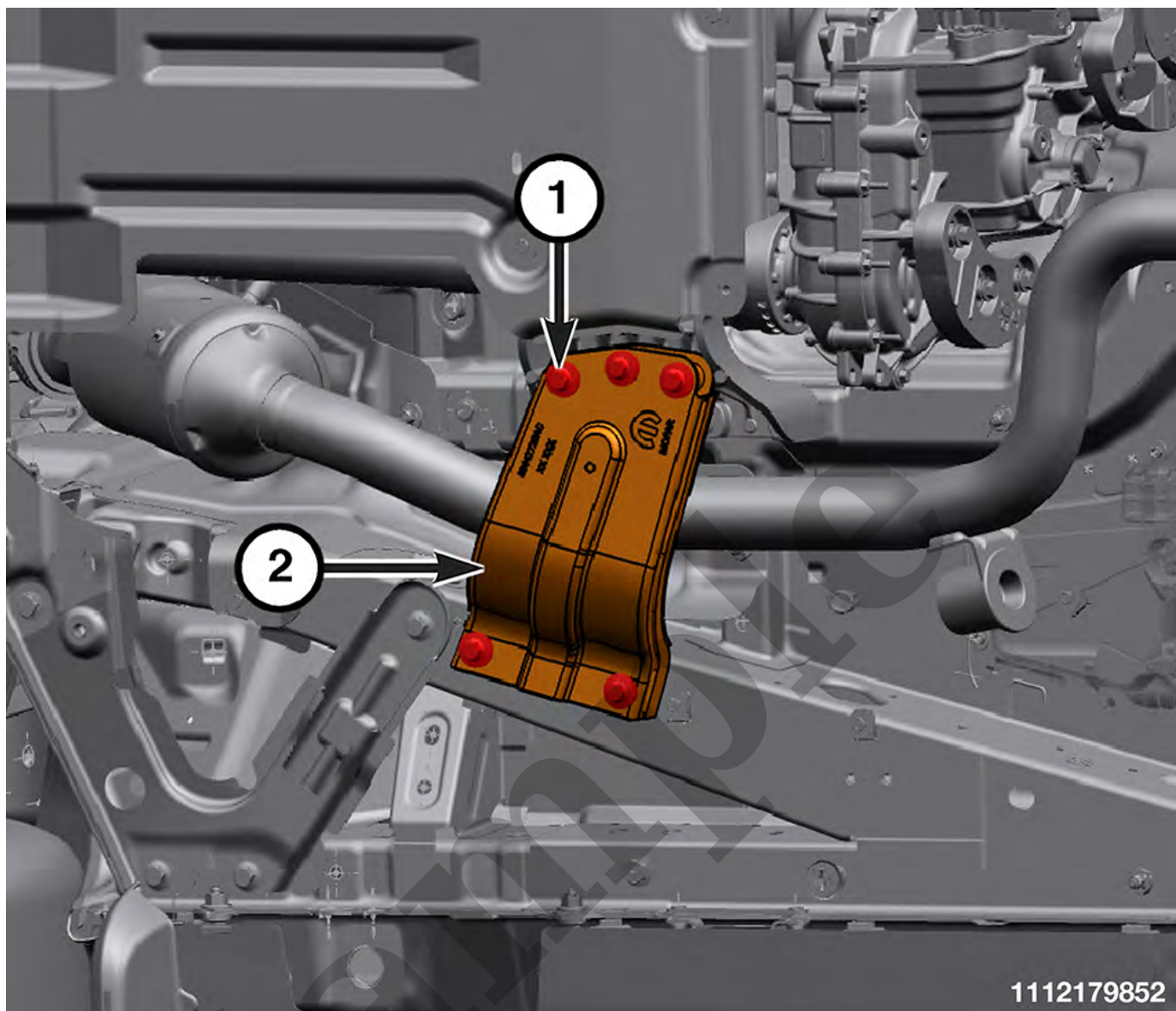


Your Ultimate Source for OEM Repair Manuals

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 OEM Service and Repair Workshop Manual

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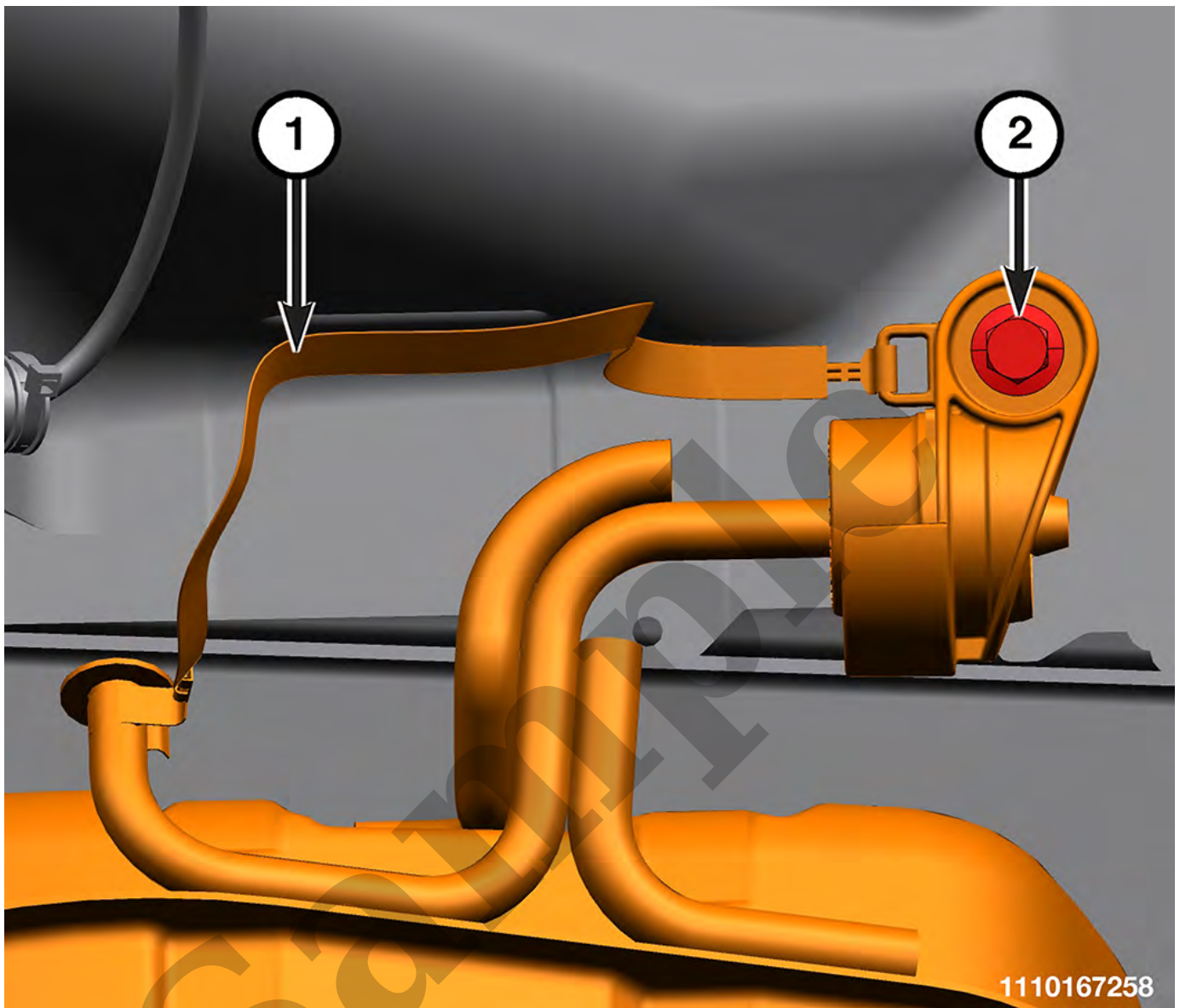
1 - Outer Bolts

2 - Inner Bolts

3 - Impact Brace

3. Remove the impact bracket inner bolts, outer bolts, and the impact bracket.

10. Separate the right catalytic convertor from the resonator.



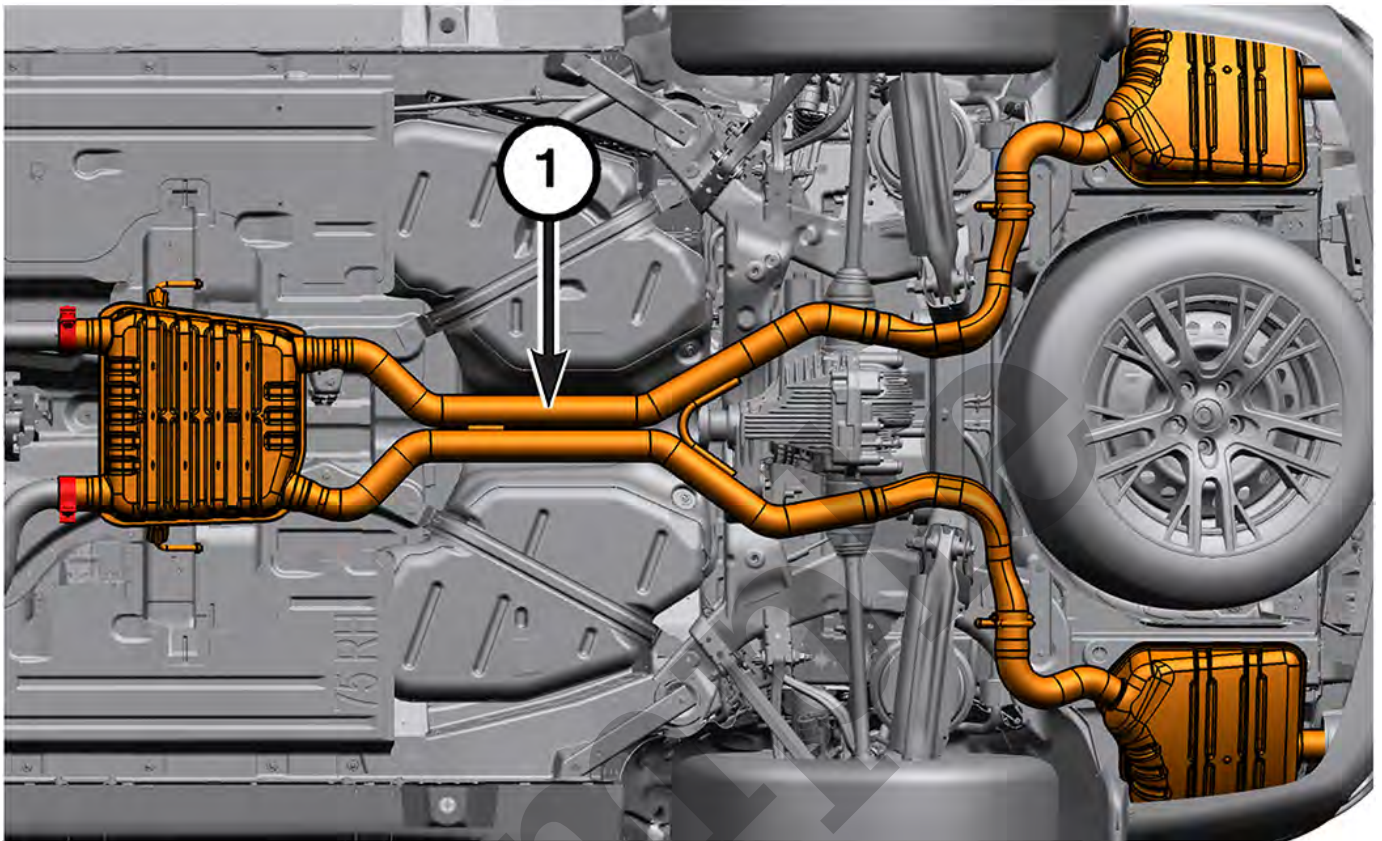
1 - Ground Strap

2 - Exhaust Isolator Bolt

NOTE

It is not necessary to remove the ground strap, unless the exhaust isolator is being replaced.

11. Remove the left rear exhaust isolator bolt.



1114179850

1 - Exhaust Muffler

NOTE

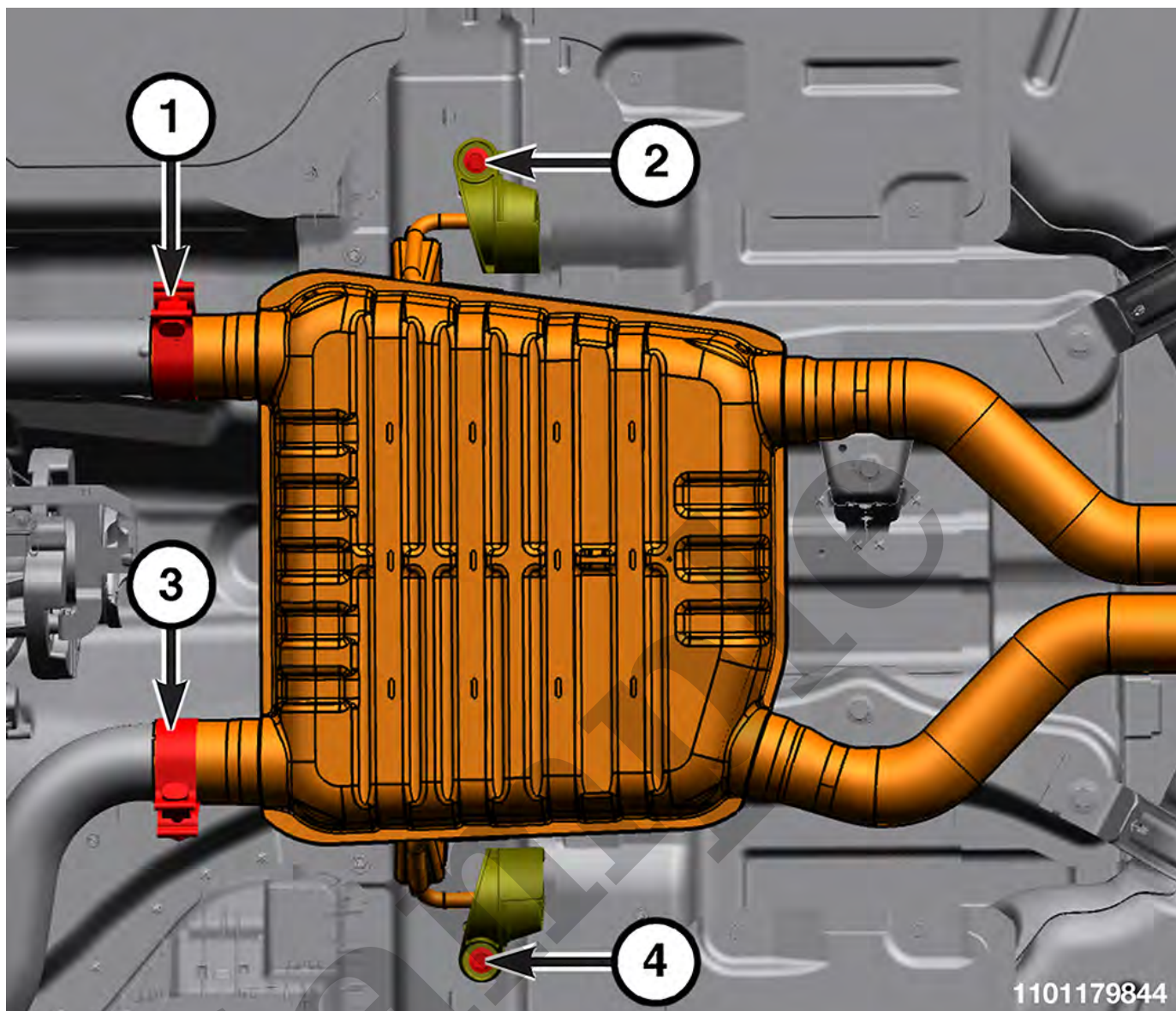
Exhaust muffler removal is a two-person operation.

15. With the help of an assistant, remove the exhaust muffler.

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Make sure the exhaust system is correctly positioned and properly aligned. The minimum clearance between components is 25.4 mm (1 in.). Make the necessary adjustments, if needed.



1 - Left Exhaust Muffler Clamp Nut

2 - Exhaust Isolator Bolt

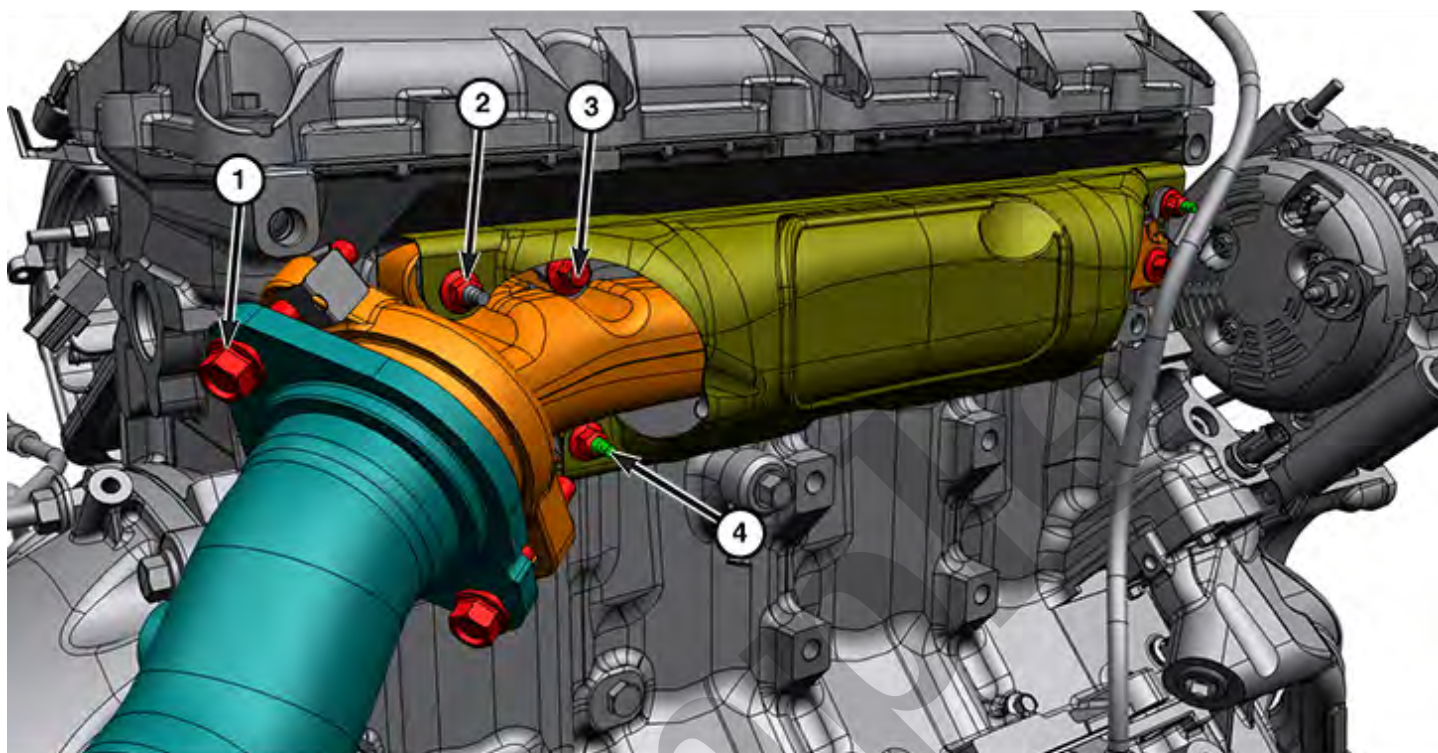
3 - Right Exhaust Muffler Clamp Nut

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.

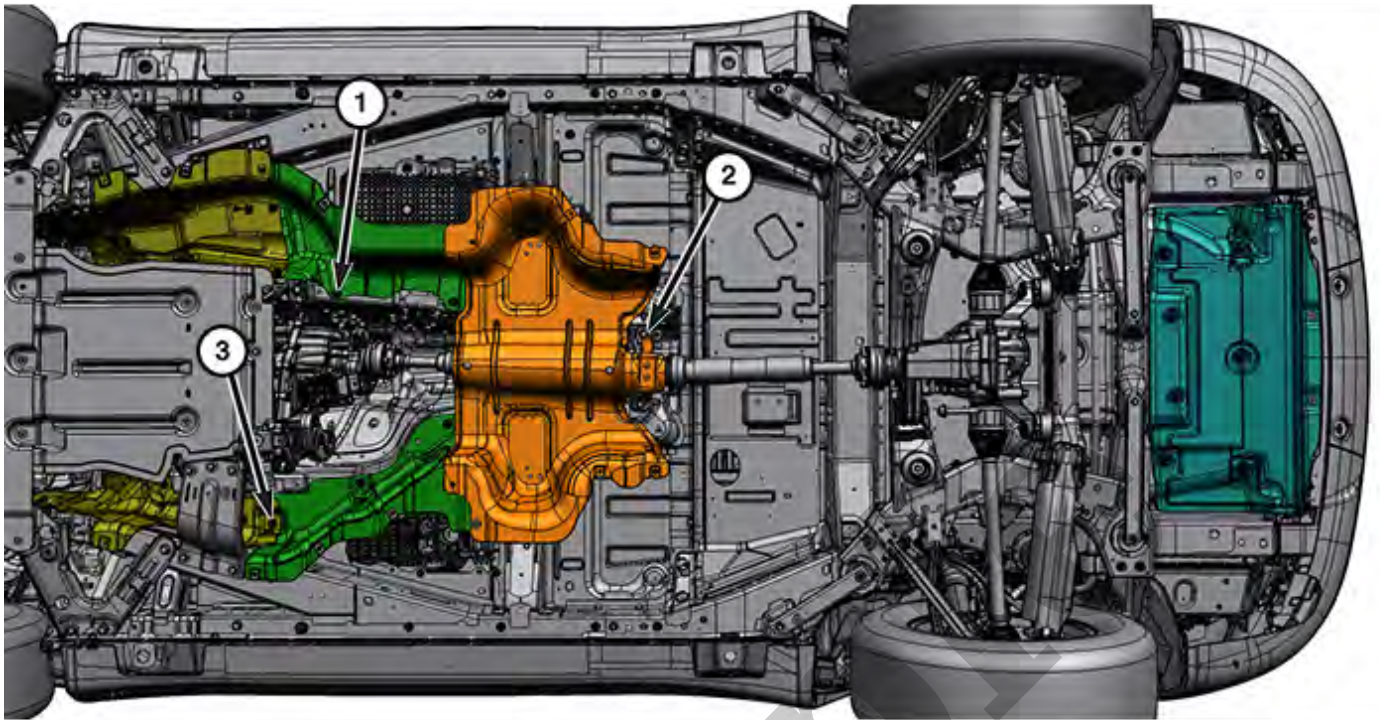
- Start the engine and inspect for exhaust leaks. Repair exhaust leaks as necessary.

TORQUE SPECIFICATION - EXHAUST SYSTEM - 5.7L



0903190133

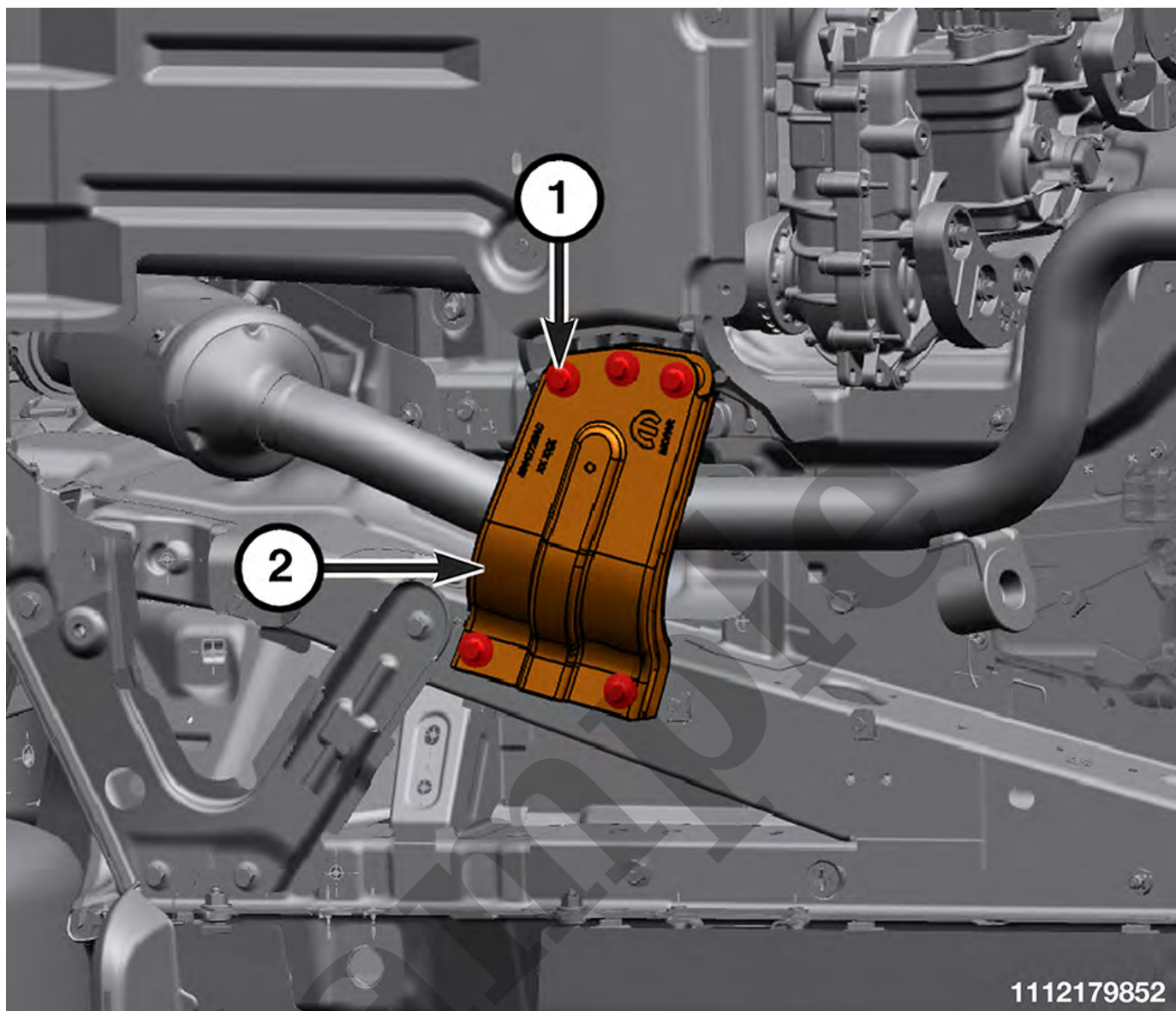
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Catalytic Converter To Manifold Bolts	30 N·m (22 Ft. Lbs.)	-
2	Exhaust Manifold Heat Shield Nuts	10 N·m (7 Ft. Lbs.)	-
3	Exhaust Manifold Bolts	25 N·m (18 Ft. Lbs.)	Tightening Sequence - Left Manifold



0903190135

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



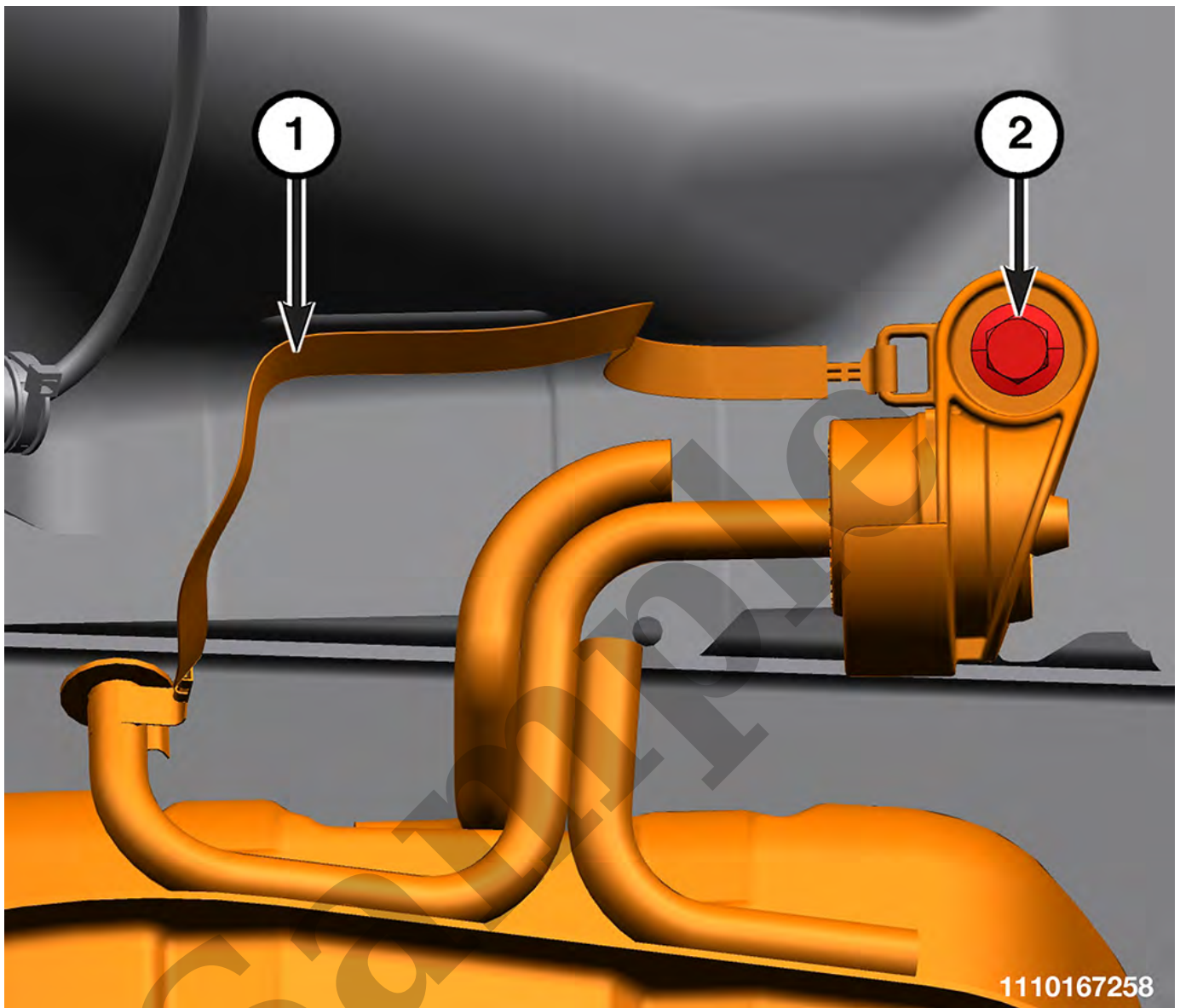
1 - Outer Bolts

2 - Inner Bolts

3 - Impact Brace

3. Remove the impact bracket inner bolts, outer bolts, and the impact bracket.

10. Separate the right catalytic convertor from the resonator.



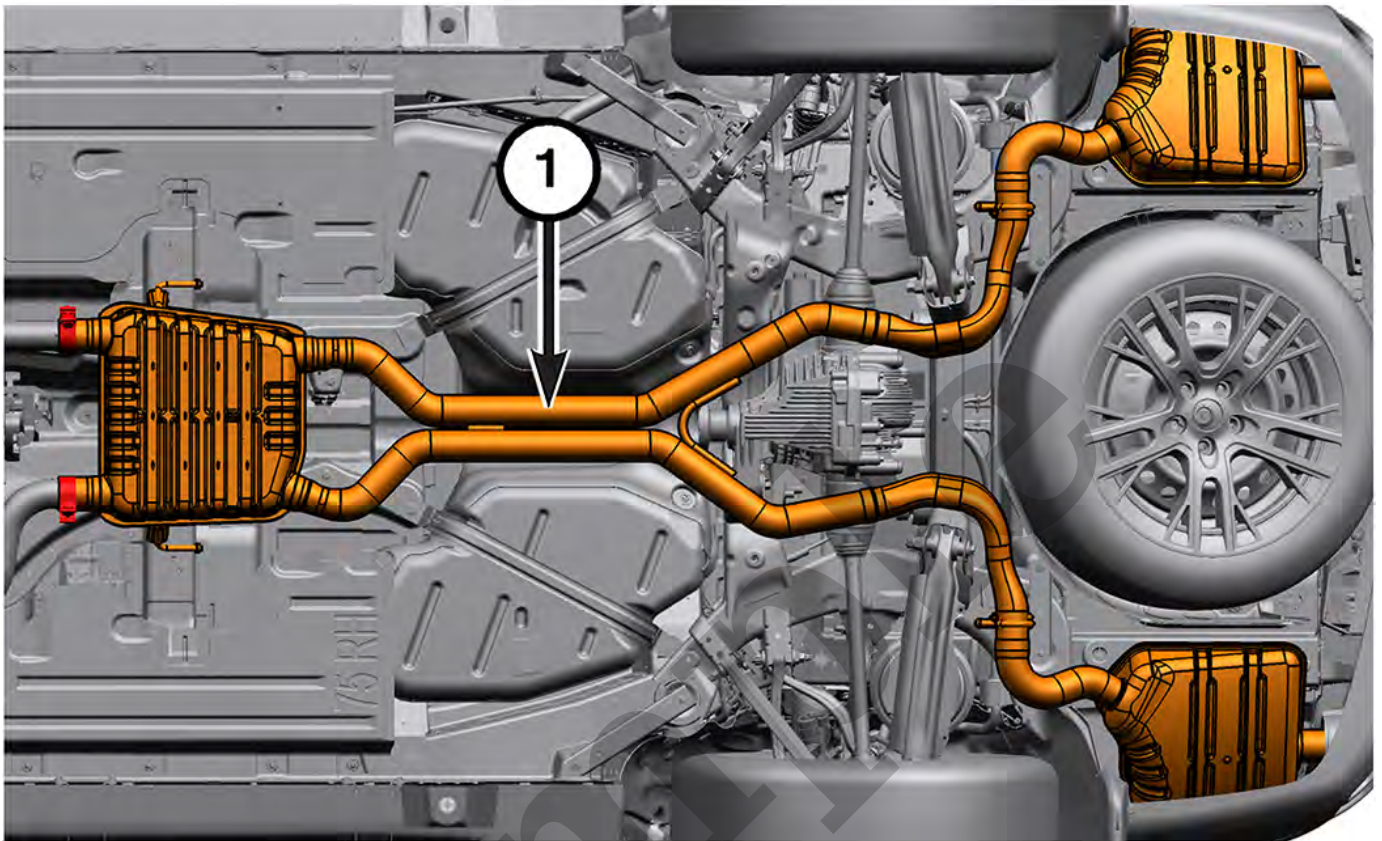
1 - Ground Strap

2 - Exhaust Isolator Bolt

NOTE

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11. Remove the left rear exhaust isolator bolt.



1114179850

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