

ENGINE

Exhaust System - Repair Instructions - S85

EXHAUST SYSTEM, COMPLETE

18 00 020 REMOVING AND INSTALLING COMPLETE EXHAUST SYSTEM (S85)

Special tools required:

- 312 220

WARNING: Scalding hazard!

Only perform this work after engine has cooled down.

Risk of injury!

Removal of the exhaust system must be carried out with the assistance of a second person.

Support exhaust system with special tool 31 2 220.

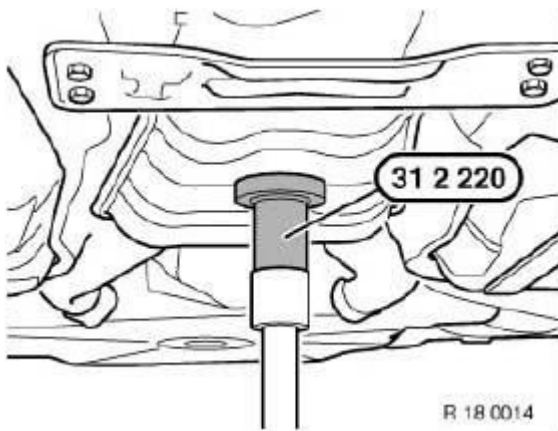


Fig. 1: Identifying Special Tool 31 2 220
Courtesy of BMW OF NORTH AMERICA, INC.

Unscrew nuts (1).

Tightening torque: 27 Nm

2010 BMW M5

ENGINE Exhaust System - Repair Instructions - S85

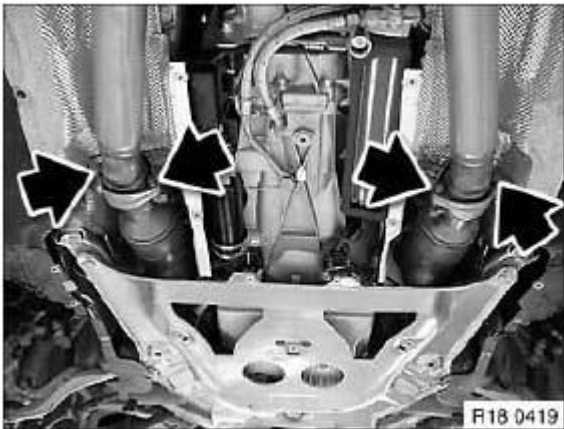


Fig. 2: Locating Nuts (1 Of 3)

Courtesy of BMW OF NORTH AMERICA, INC.

Unscrew nuts.

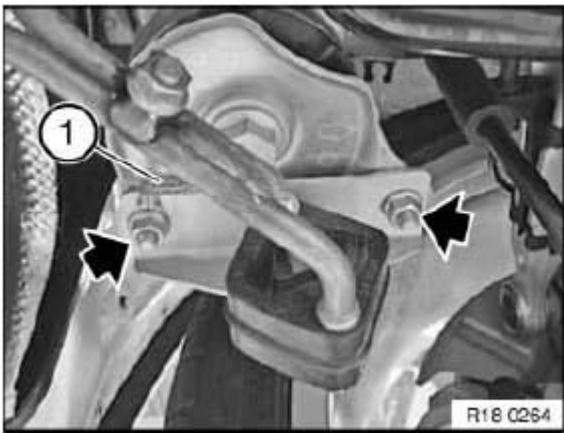


Fig. 3: Locating Nuts (2 Of 3)

Courtesy of BMW OF NORTH AMERICA, INC.

Unscrew nuts.

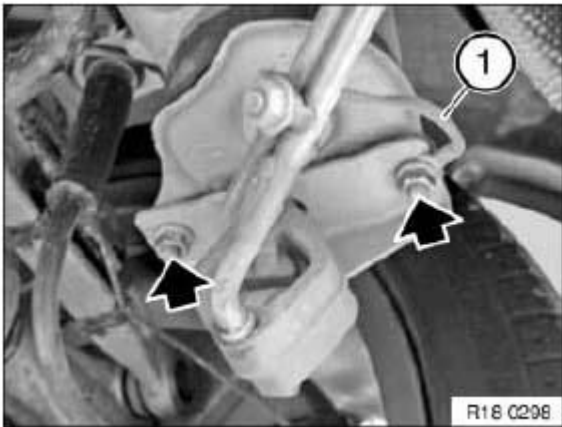


Fig. 4: Locating Nuts (3 Of 3)
Courtesy of BMW OF NORTH AMERICA, INC.

Picture shows E63:

Release nuts on rear mufflers (1 and 2).

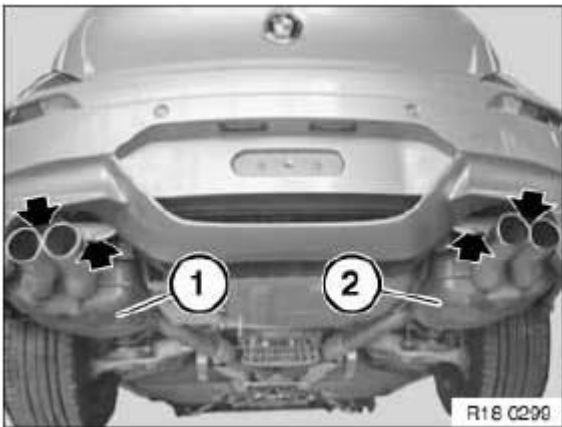


Fig. 5: Locating Nuts On Rear Mufflers
Courtesy of BMW OF NORTH AMERICA, INC.

Picture shows E61:

Release screws.

Tightening torque: 24 N.m

Carefully lower exhaust system (1).

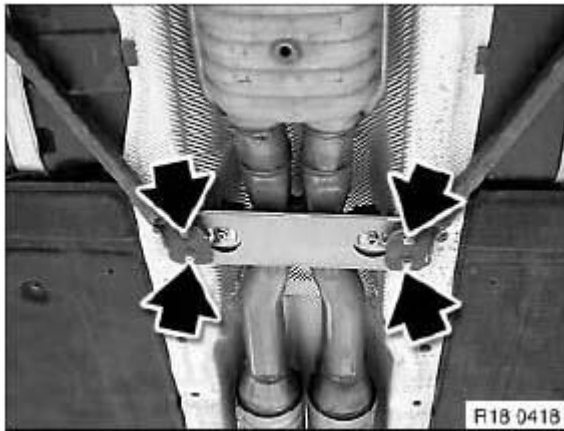


Fig. 6: Locating Screws

Courtesy of BMW OF NORTH AMERICA, INC.

18 10 032 REPLACING BOTH REAR MUFFLERS (S85)

WARNING: Scalding hazard!

Only perform this work after engine has cooled down.

Support final muffler with special tool 31 2 220.

NOTE: Illustrations show E63.

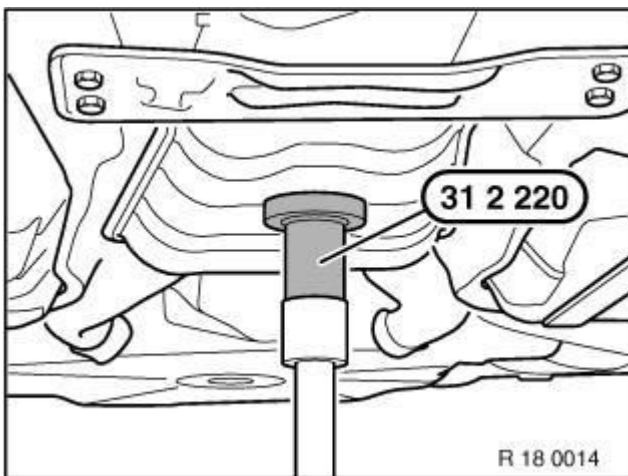


Fig. 7: Support Final Muffler With Special Tool 31 2 220

Courtesy of BMW OF NORTH AMERICA, INC.

NOTE: Illustrations show E63

While installed, mark cutting line with aid of replacement muffler on faulty rear muffler (1 and 2).

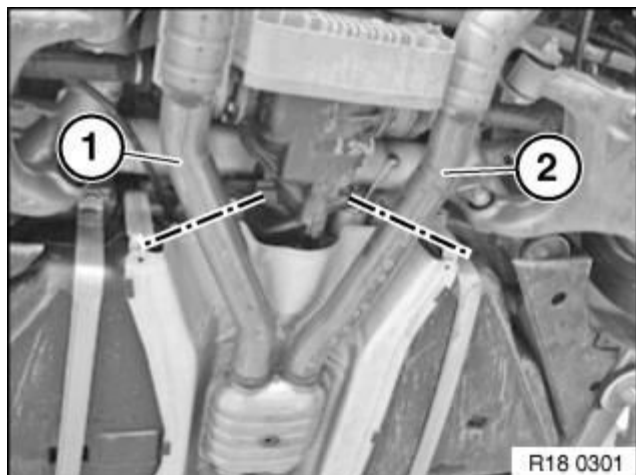


Fig. 8: Mark Cutting Line With Aid Of Replacement Muffler
Courtesy of BMW OF NORTH AMERICA, INC.

Cut exhaust pipes with special tool 00 2 210 at marked points and deburr.

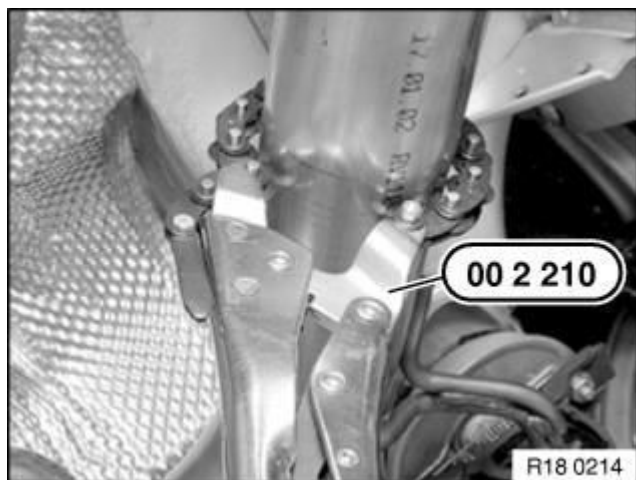


Fig. 9: Cut Exhaust Pipes With Special Tool 00 2 210
Courtesy of BMW OF NORTH AMERICA, INC.

NOTE: The same procedure applies to the opposite side.

Unscrew nuts. Modify grounding strap (1).