

2005 BMW Z4
2003-05 BMW Z4

2003-05 BMW

Z4

BUZZERS, RELAYS & TIMERS

BUZZERS, RELAYS & TIMERS LOCATION

Component	Location
Cigar Lighter Relay (K31)	Right side of dash. See Fig. 31 .
Convertible Top 1 Relay (K18363)	Right side of dash. See Fig. 31 .
Convertible Top 2 Relay (K18364)	Right side of dash. See Fig. 31 .
Fog Light Relay (K47)	Right side of dash. See Fig. 14 .
Horn Relay (K2)	Right side of dash. See Fig. 14 .
Rear Window Defroster Relay (K13)	Right side of dash. See Fig. 14 .
Rear Window Defroster Relay (K99)	Right side of dash. See Fig. 14 .
Secondary Air Pump Relay (K6304a)	Right side of dash. See Fig. 14 .
Washer Pump Relay (Front) (K5)	Right side of dash. See Fig. 14 .
Wiper Relay 1 (K36)	Right side of dash. See Fig. 14 .
Wiper Relay 2 (K37)	Right side of dash. See Fig. 14 .

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

Component	Location
Fuse Box (A400)	Rear luggage compartment. See Fig. 13 .
Power Distribution (A41)	Right side of dash. See Fig. 14 .

CONTROL UNITS

CONTROL UNITS LOCATION

Component	Location
Convertible Top Module (A96)	Left rear passenger compartment. See Fig. 16 .
Dynamic Stability Control (A65a)	Left rear engine compartment. See Fig. 15 .
Engine Control Module (DME) (A6000)	Left rear engine compartment. See Fig. 18 .
General Module Control Unit (A1)	Right side of dash. See Fig. 12 .
Navigation System (A112a)	Rear center console. See Fig. 17 .
Transmission Control (A7000a)	Left rear engine compartment. See Fig. 19 .

MOTORS

MOTORS LOCATION

Component	Location
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Blower Motor (M30)	Right side of dash. See Fig. 34 .
Defroster Flap Motor (M35a)	Left side of dash. See Fig. 20 .
Electric Fuel Pump (M2)	Under rear of vehicle. See Fig. 32 .
Footwell Flap Motor (M31)	Right side of dash. See Fig. 35 .
Fresh Air/Recirculating Flap Motor (M111)	Right side of dash. See Fig. 36 .
Mixer Flap Motor (M152)	Right side of dash. See Fig. 35 .
Ventilation Flap Motor (M38)	Right side of dash. See Fig. 34 .
Windshield Washer Pump (M4)	Right front engine compartment. See Fig. 33 .

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

Component	Location
Brake Pad Wear Sensor (Left Front) (B16a)	Left front wheel. See Fig. 22 .
Brake Pad Wear Sensor (Right Rear) (B17a)	Right rear wheel. See Fig. 25 .
Coolant Pressure Sensor (B8)	Right side of engine compartment. See Fig. 2 .
Evaporator Temperature Sensor (B14a)	Left side of dash. See Fig. 20 .
Outside Temperature Sensor (B21a)	Under left front of vehicle. See Fig. 27 .
Wheel Speed Sensor (Left Front) (B2)	Left front wheel. See Fig. 22 .
Wheel Speed Sensor (Left Rear) (B4)	Left rear wheel. See Fig. 24 .
Wheel Speed Sensor (Right Front) (B1)	Right front wheel. See Fig. 21 .
Wheel Speed Sensor (Right Rear) (B3)	Right rear wheel. See Fig. 23 .

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Location
Refrigerant Compressor Control Valve (Y2a)	Right side of engine compartment. See Fig. 40 .

SWITCHES

SWITCHES LOCATION

Component	Location
Brake Fluid Level Switch (B18a)	Brake fluid reservoir. See Fig. 26 .
Brake Light Switch (S29)	Left side of dash. See Fig. 38 .
Clutch Switch (S805)	Left side of dash. See Fig. 39 .
Hood Contact Switch (S19a)	Rear engine compartment. See Fig. 37 .
Park/Neutral Position Switch (Y19)	Center console. See Fig. 41 .

MISCELLANEOUS

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MISCELLANEOUS LOCATION

Component	Location
Amplifier (A18)	Rear luggage compartment. See Fig. 13 .
Anti-Theft Horn (H1a)	Right rear wheelwell. See Fig. 28 .
Blower Output Stage (N2)	Right side of dash. See Fig. 34 .
Chime Module (H10)	Left side of dash. See Fig. 30 .
Electronic Immobilizer (A836)	Left side of dash. See Fig. 3 .
Horn (Left) (H2a)	Under left front of vehicle. See Fig. 27 .
Horn (Right) (H3a)	Under right front of vehicle. See Fig. 29 .
OBD II Socket (X19527)	Left side of dash. See Fig. 8 .

CONNECTORS

CONNECTORS LOCATION

Component	Location
X256 (37 Pin)	Right front door. See Fig. 10 .
X257 (37 Pin)	Left front door. See Fig. 11 .

GROUND

GROUND LOCATION

Component	Location
X165	Left side of engine compartment. See Fig. 1 .
X166	Right side of engine compartment. See Fig. 2 .
X173	Left Side Of Dash. See Fig. 3 .
X327	Right side of dash. See Fig. 9 .
X490	Right kick panel. See Fig. 4 .
X1105	Left Side Of Dash. See Fig. 3 .
X1106	Right kick panel. See Fig. 4 .
X13004	Right front luggage compartment. See Fig. 6 .
X13016	Left front luggage compartment. See Fig. 7 .

SPLICES

SPLICES LOCATION

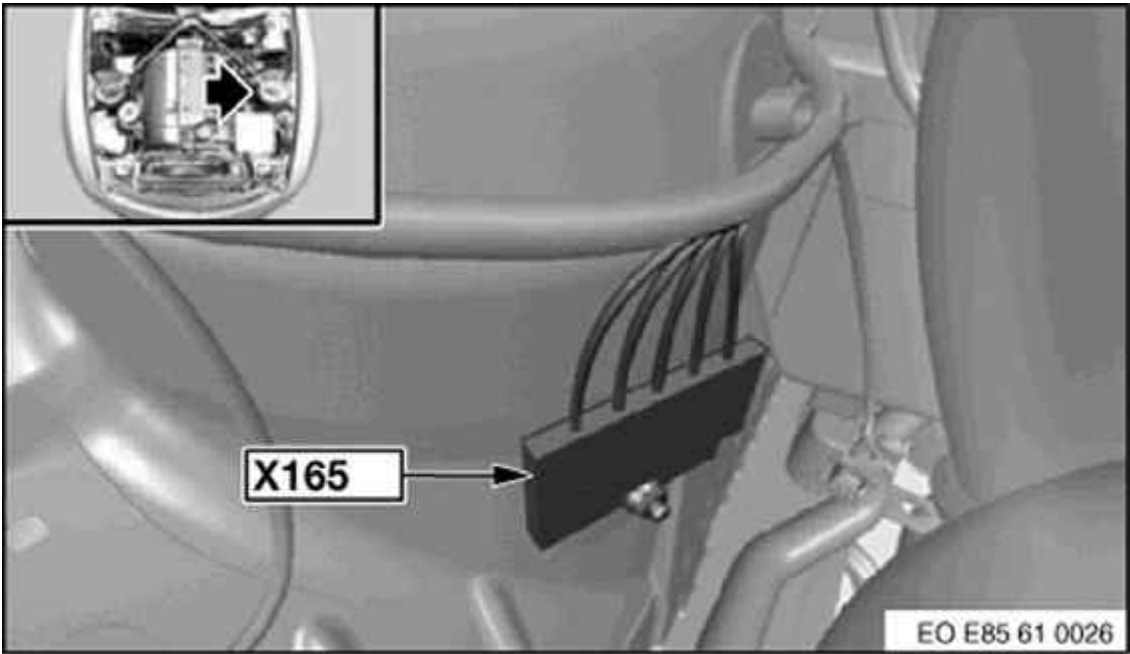
Component	Location
X196	Right rear luggage compartment. See Fig. 5 .
X217	Right side of dash. See Fig. 9 .
X218	Left Side Of Dash. See Fig. 3 .
X219	Right side of dash. See Fig. 9 .
X1218	Right rear luggage compartment. See Fig. 5 .

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X1232	Right rear luggage compartment. See Fig. 5 .
X1816	Right rear luggage compartment. See Fig. 5 .

COMPONENT LOCATION GRAPHICS

NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



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Fig. 1: Left Side Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.

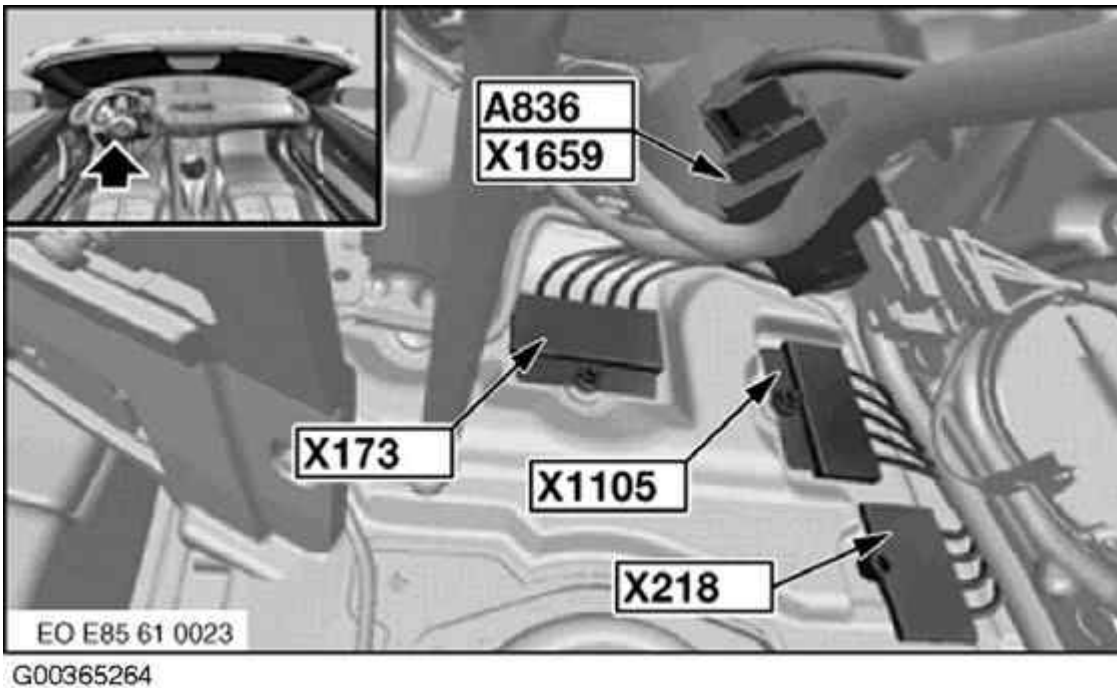


Fig. 2: Right Side Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.

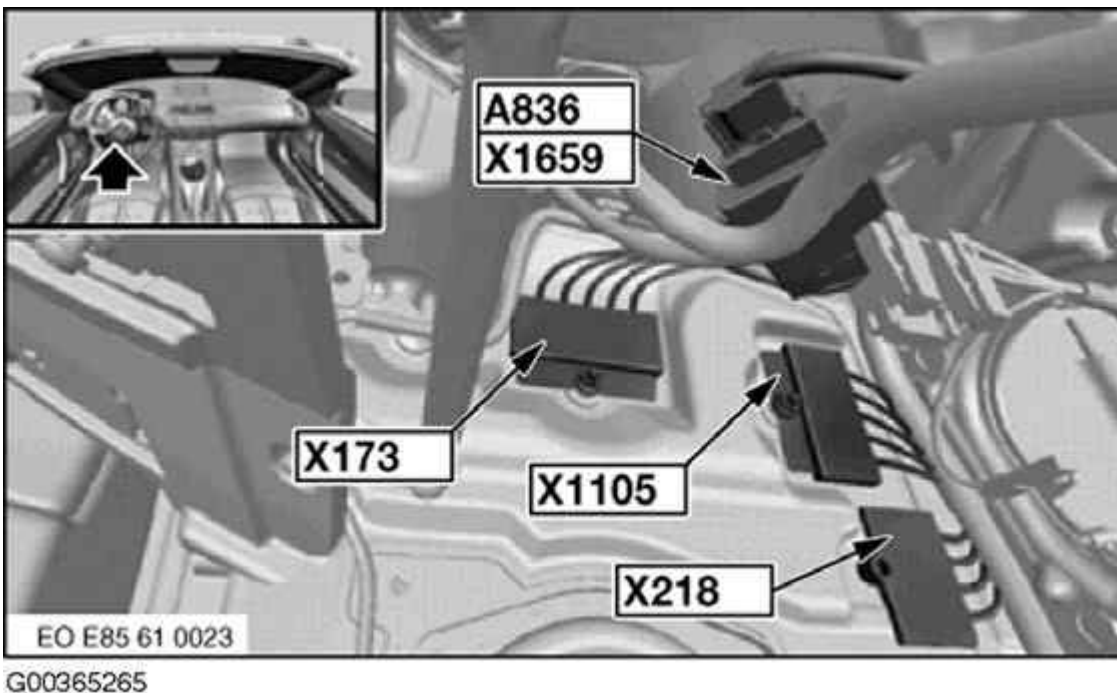
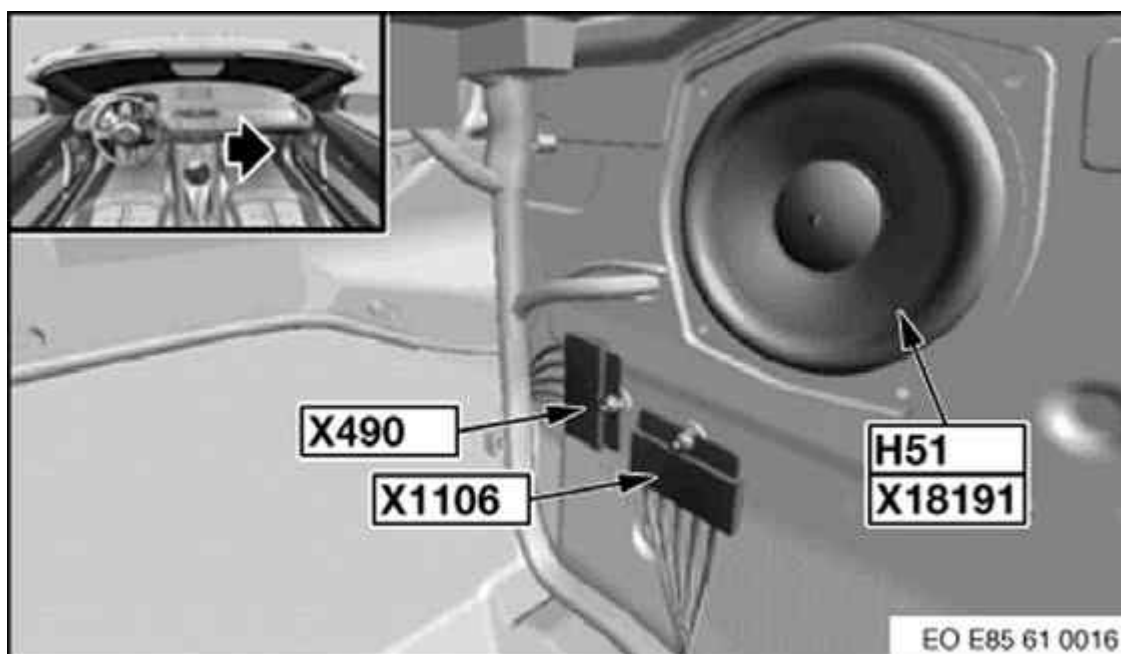


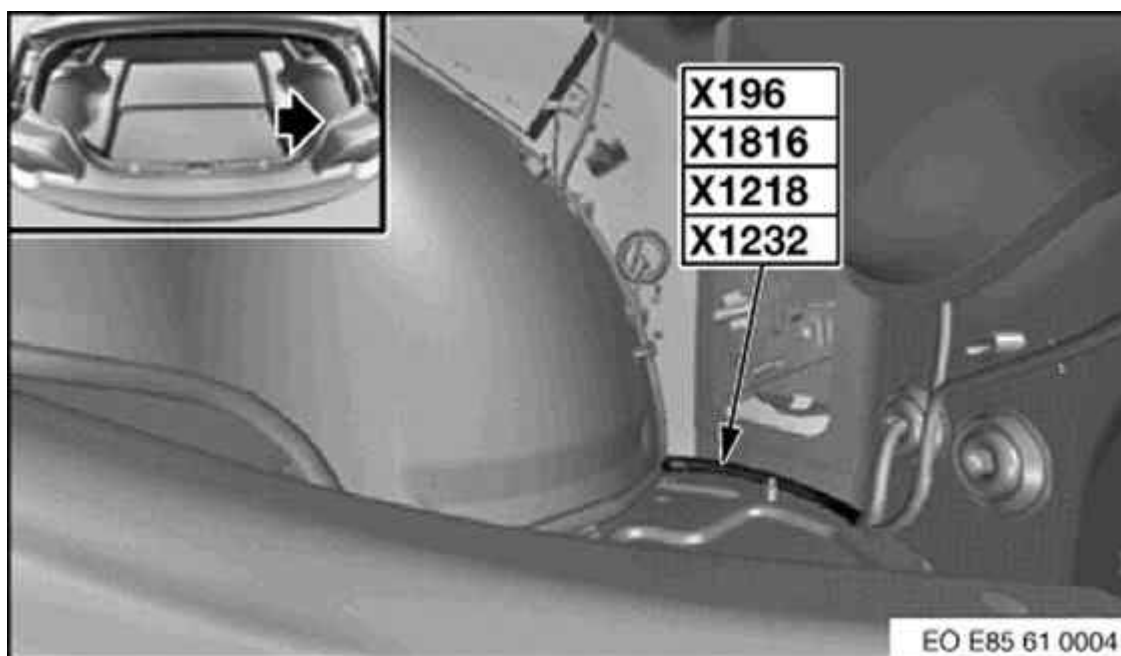
Fig. 3: Left Side Of Dash
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 4: Right Kick Panel

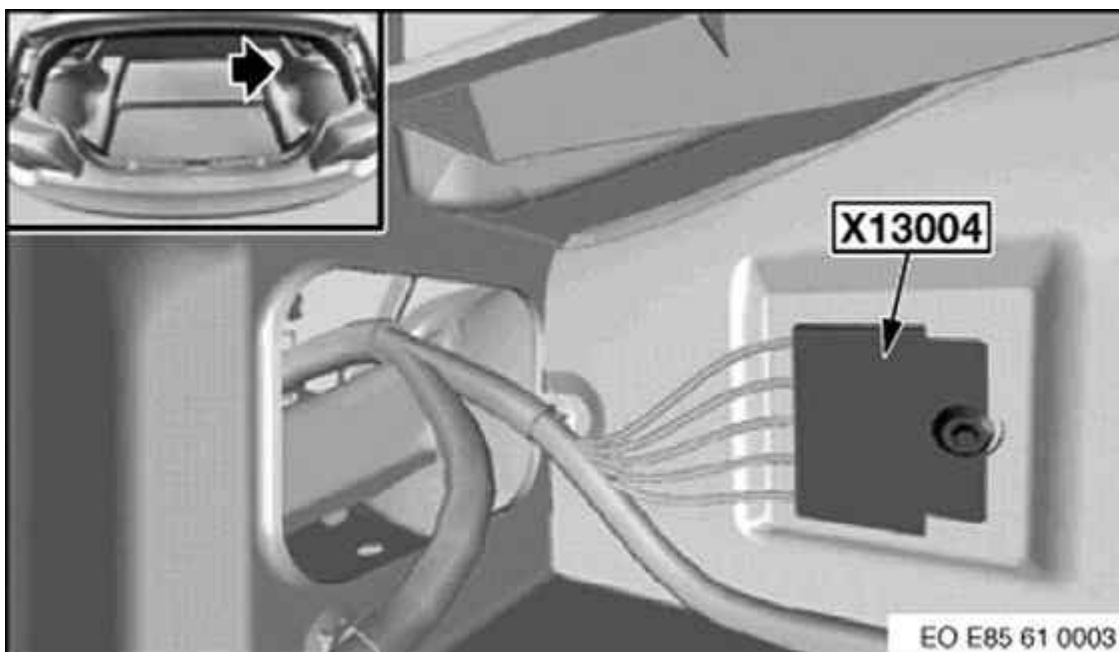
Courtesy of BMW OF NORTH AMERICA, INC.



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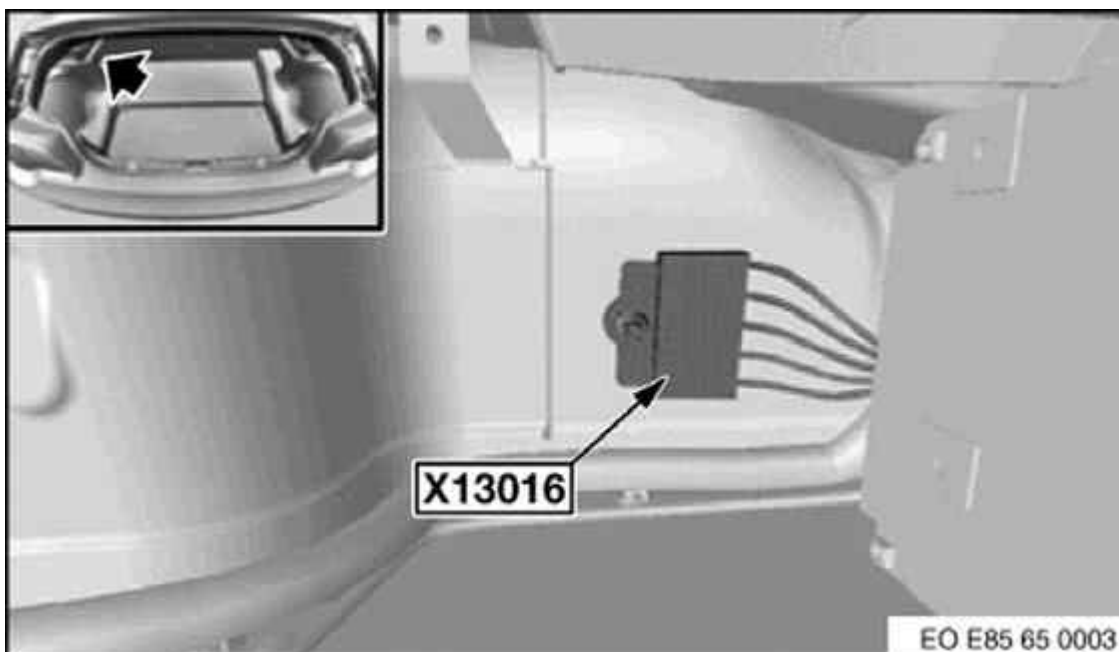
Fig. 5: Right Rear Of Luggage Compartment

Courtesy of BMW OF NORTH AMERICA, INC.



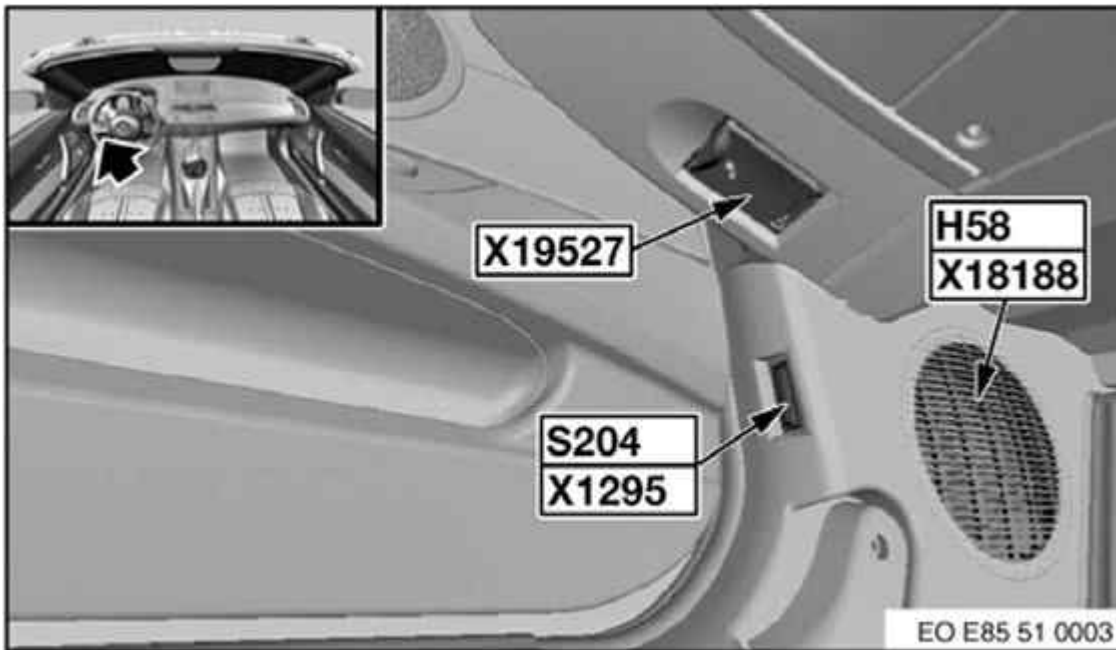
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Fig. 6: Right Front Of Luggage Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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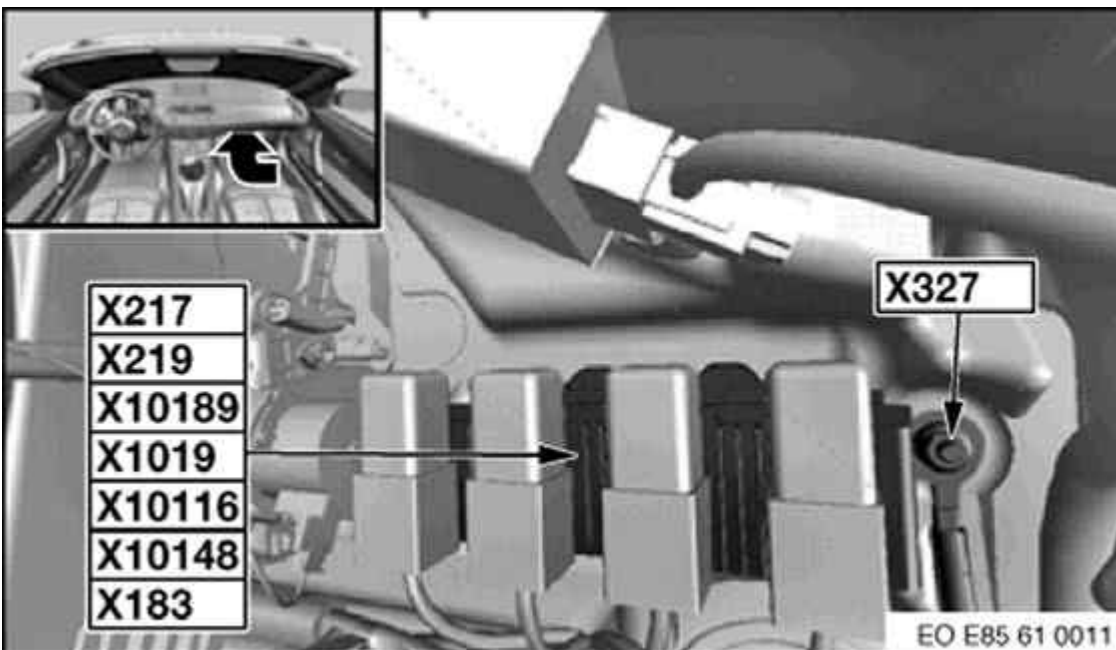
Fig. 7: Left Front Of Luggage Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 8: Left Side Of Dash

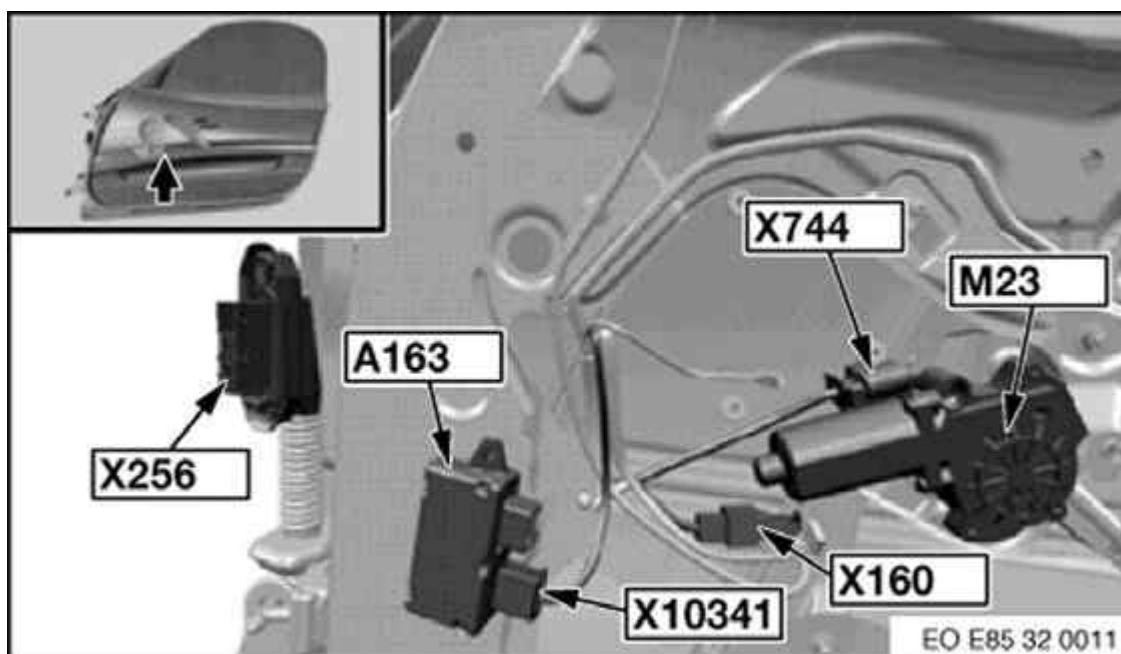
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 9: Right Side Of Dash

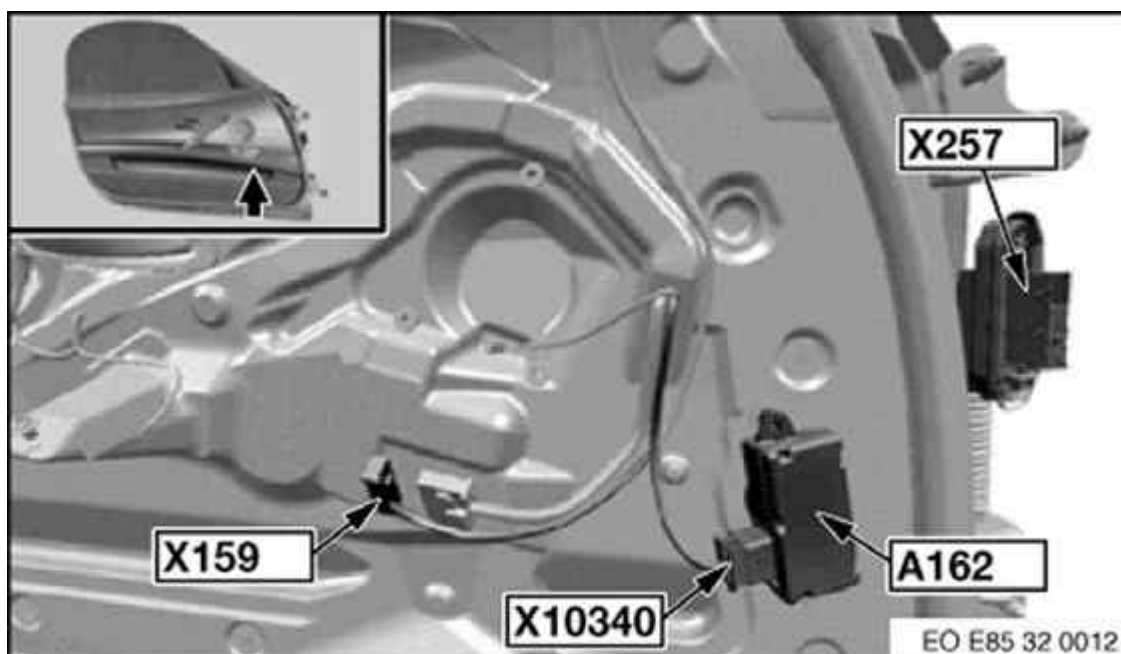
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 10: Right Front Door

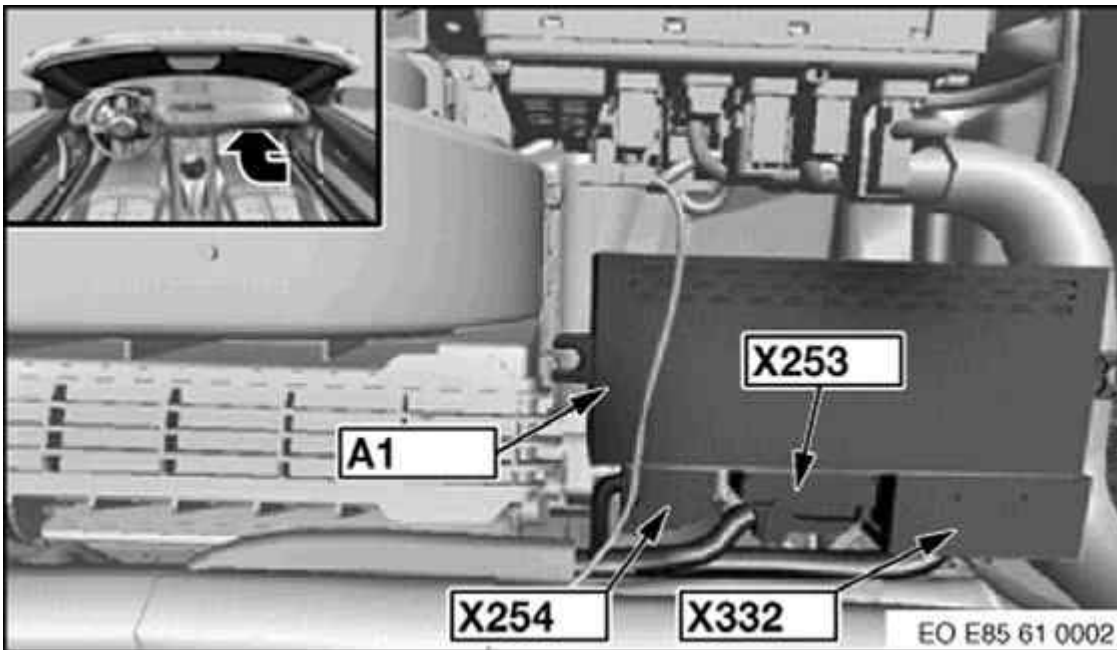
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Fig. 11: Left Front Door

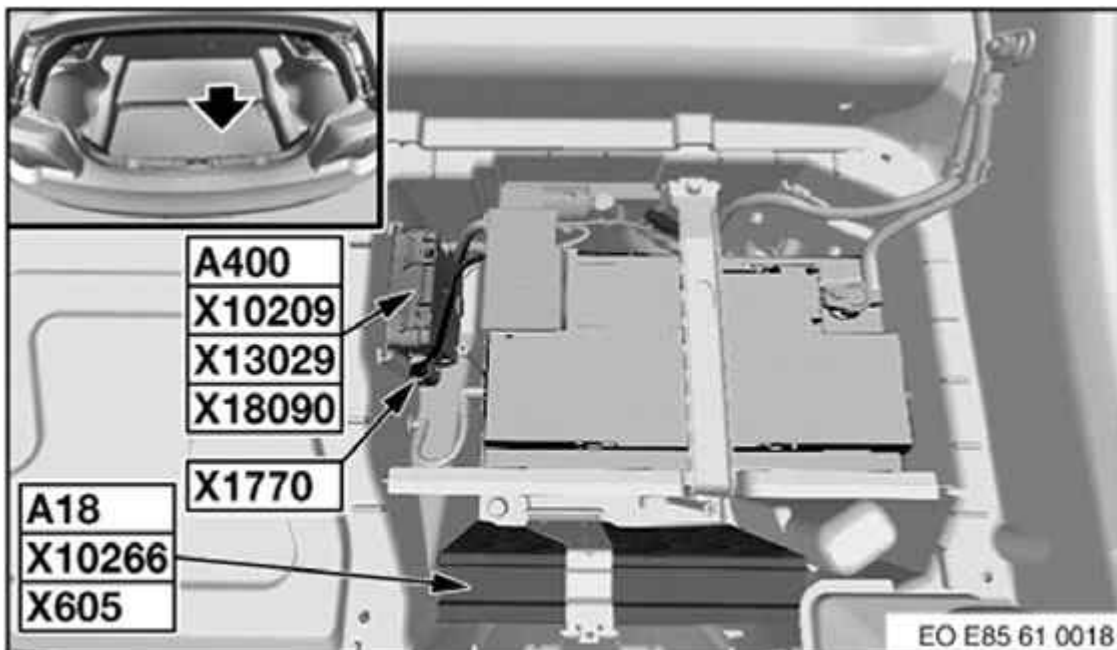
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 12: Right Side Of Dash

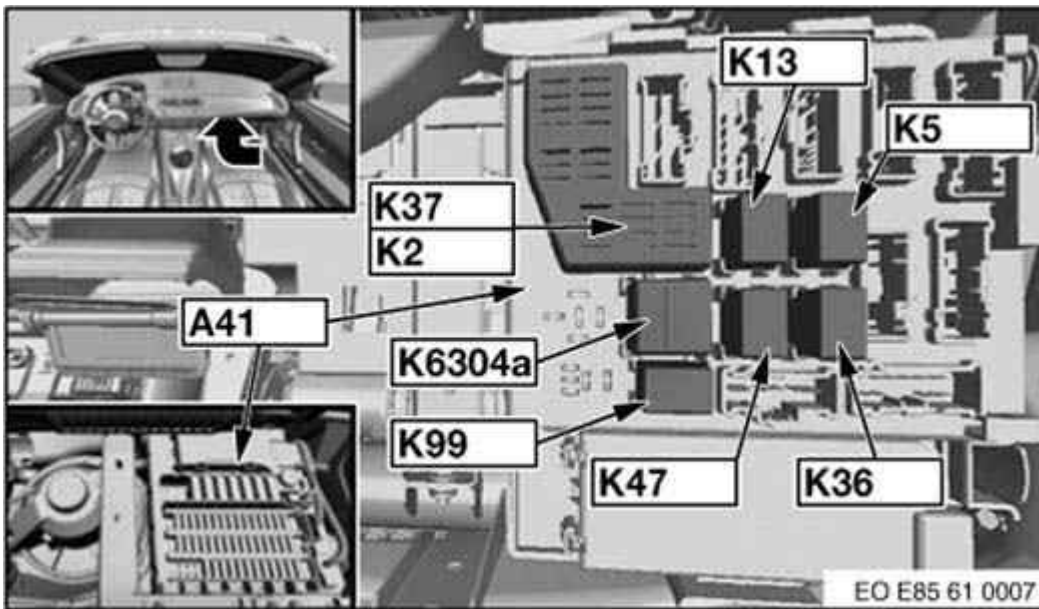
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 13: Rear Of Luggage Compartment

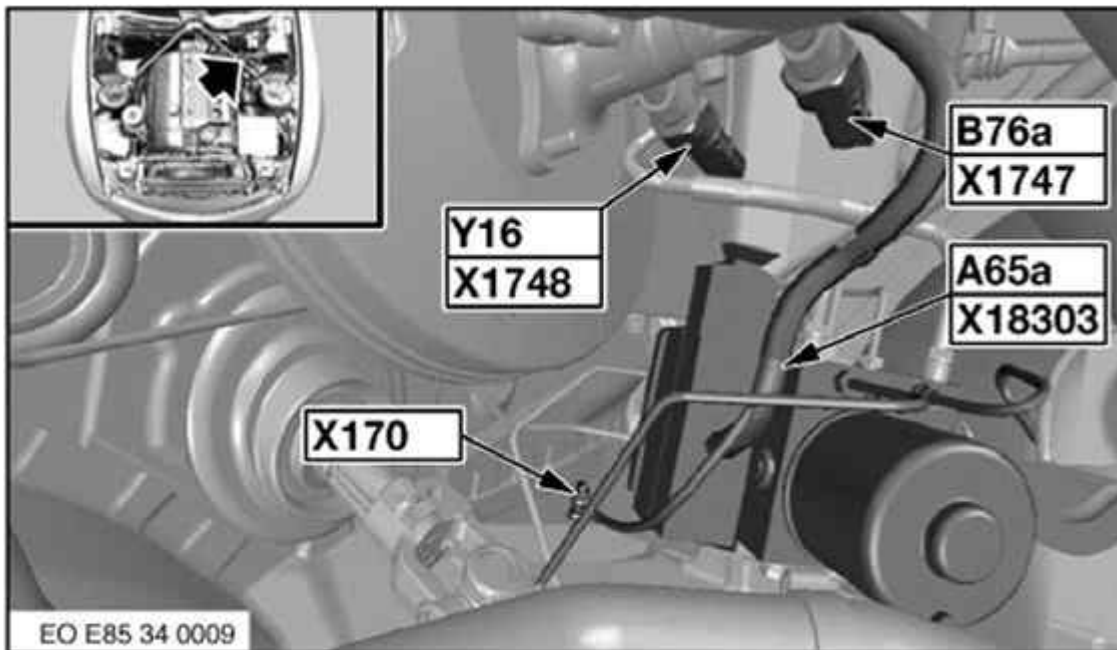
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 14: Right Side Of Dash

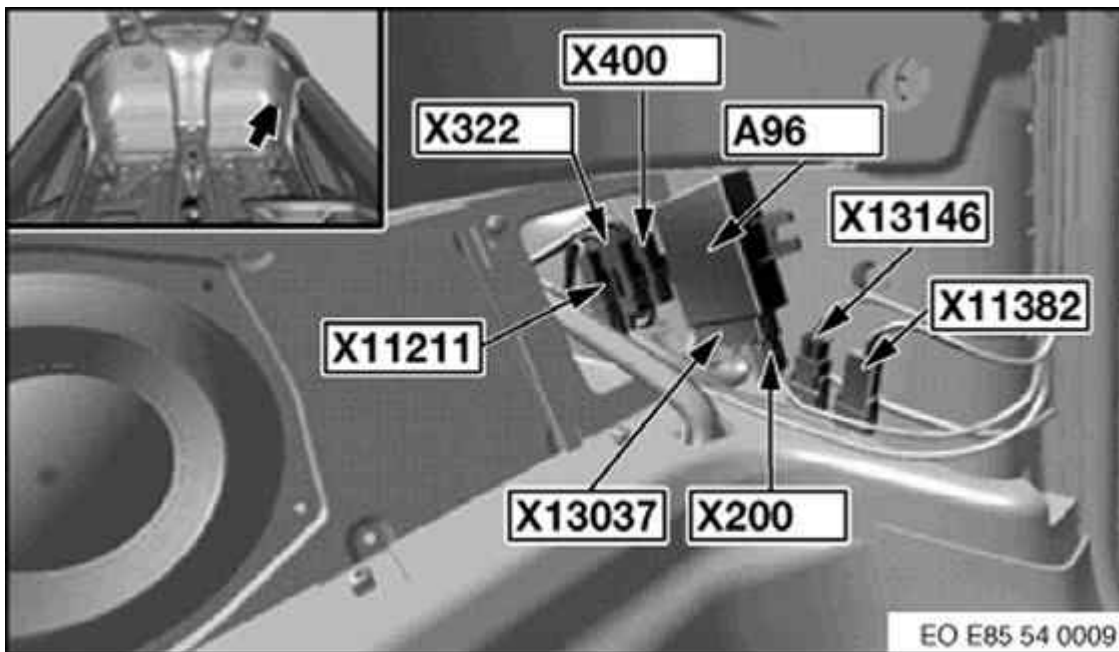
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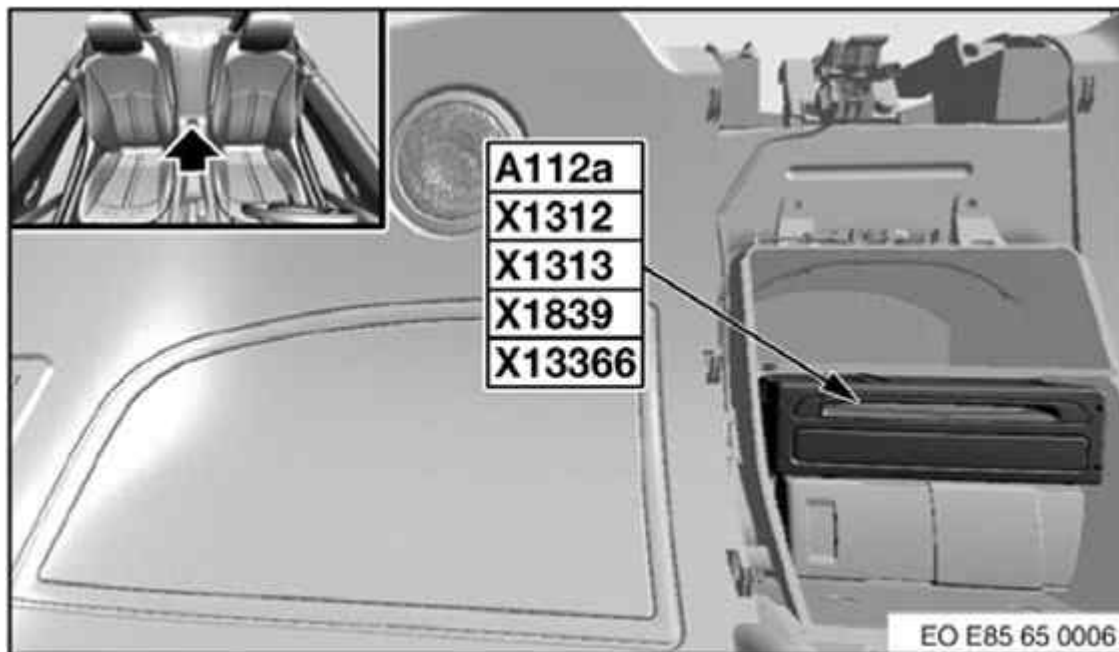
Fig. 15: Left Rear Of Engine Compartment

Courtesy of BMW OF NORTH AMERICA, INC.



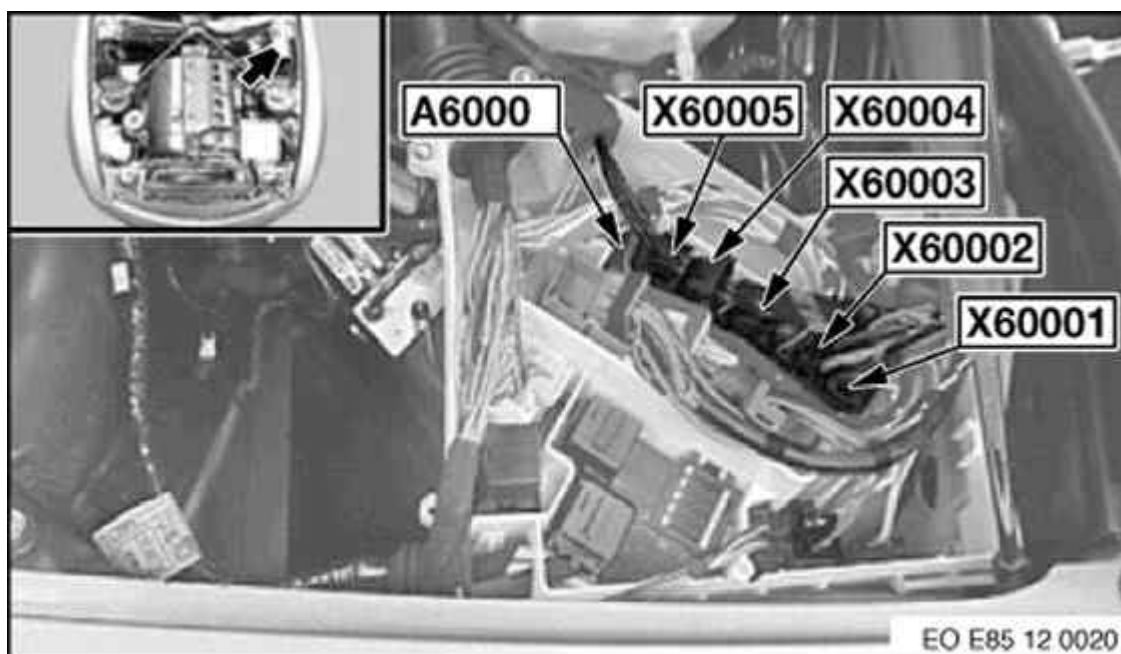
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Fig. 16: Left Rear Of Passenger Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



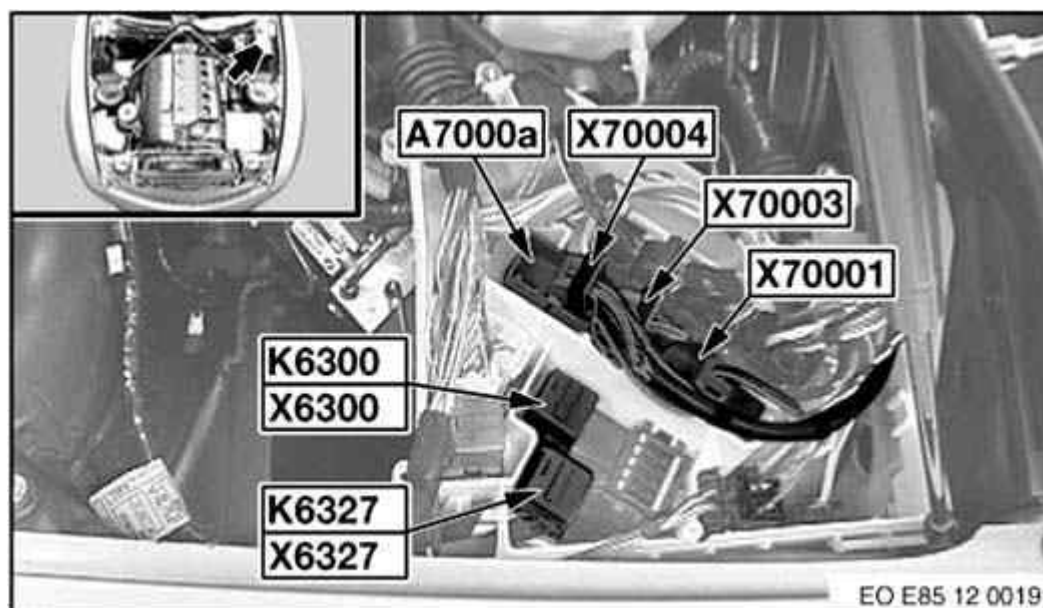
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Fig. 17: Rear Center Console
Courtesy of BMW OF NORTH AMERICA, INC.



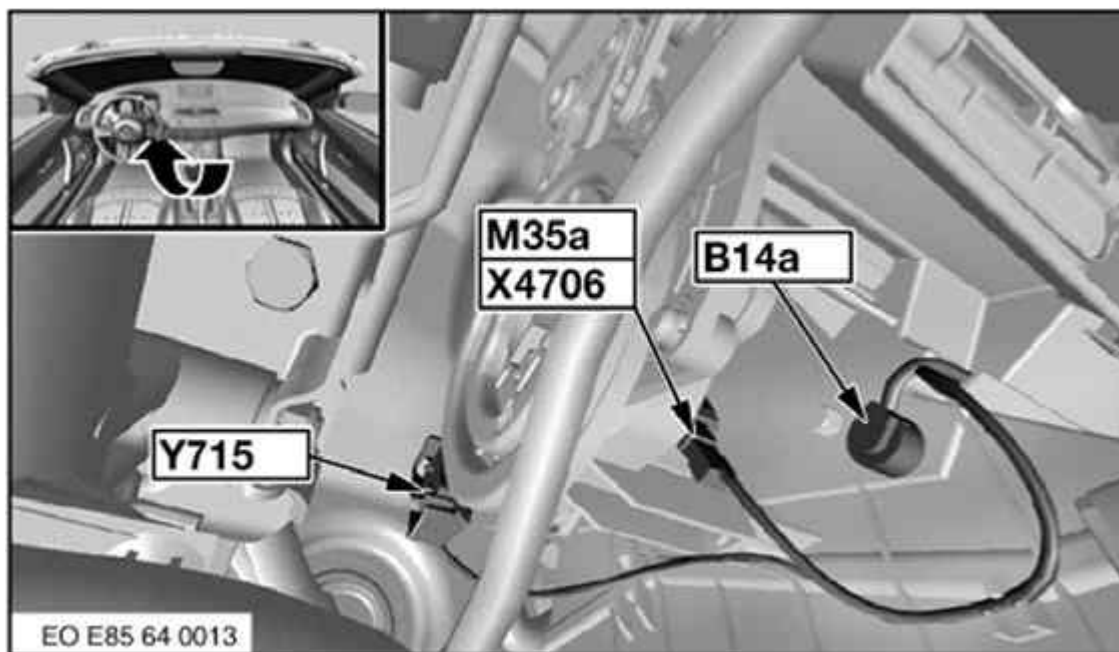
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Fig. 18: Left Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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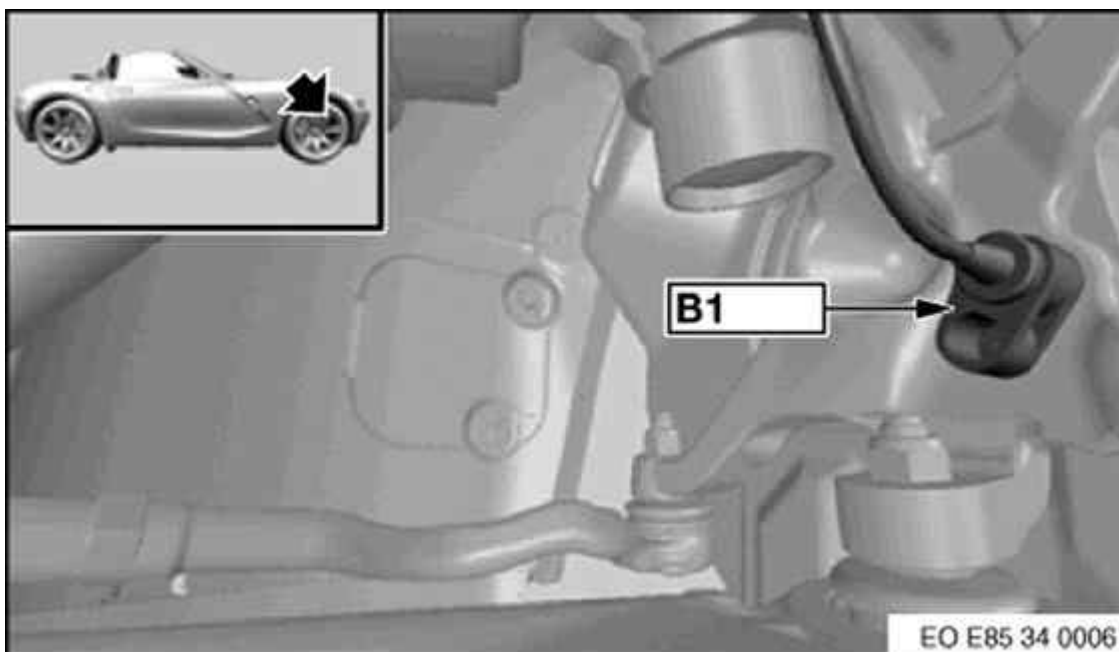
Fig. 19: Left Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 20: Left Side Of Dash

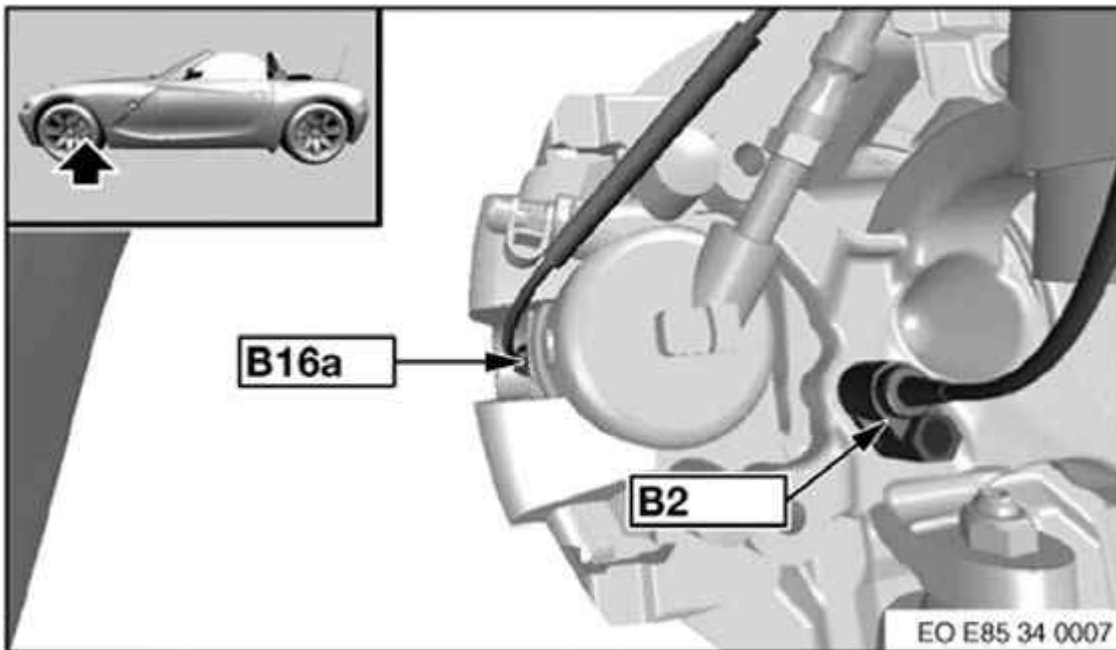
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Fig. 21: Right Front Wheel

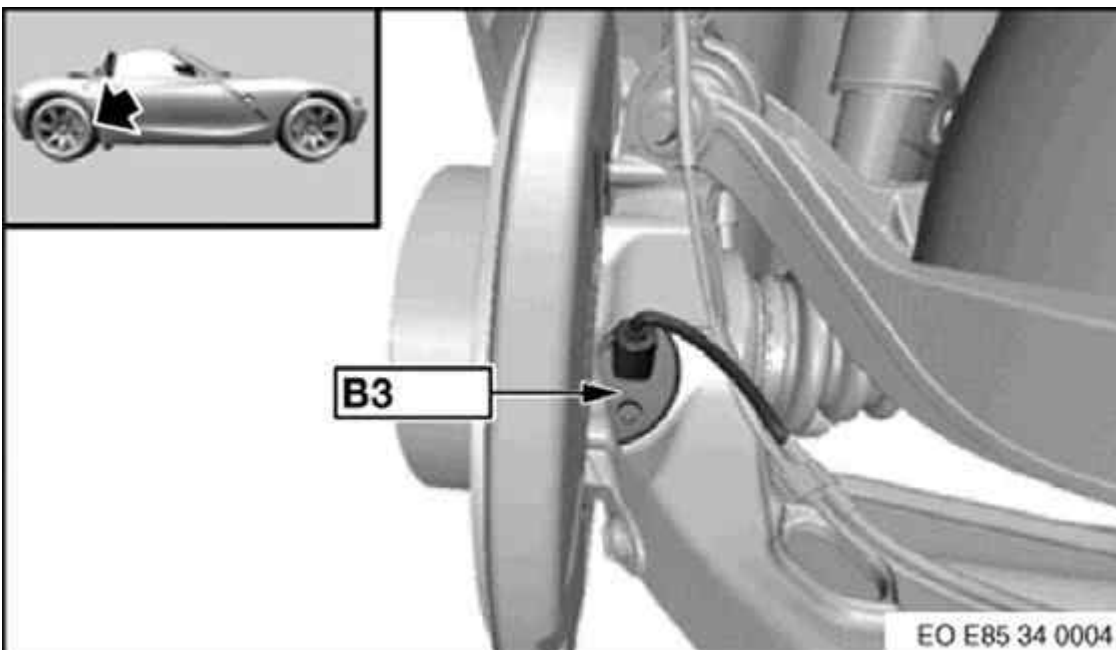
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 22: Left Front Wheel

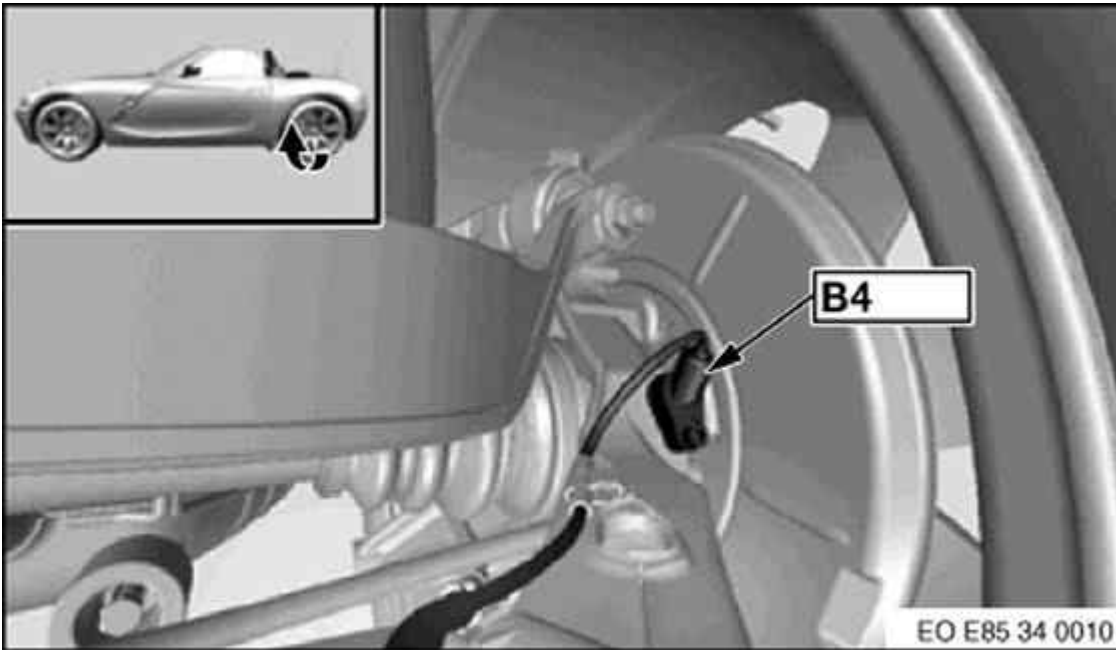
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Fig. 23: Right Rear Wheel

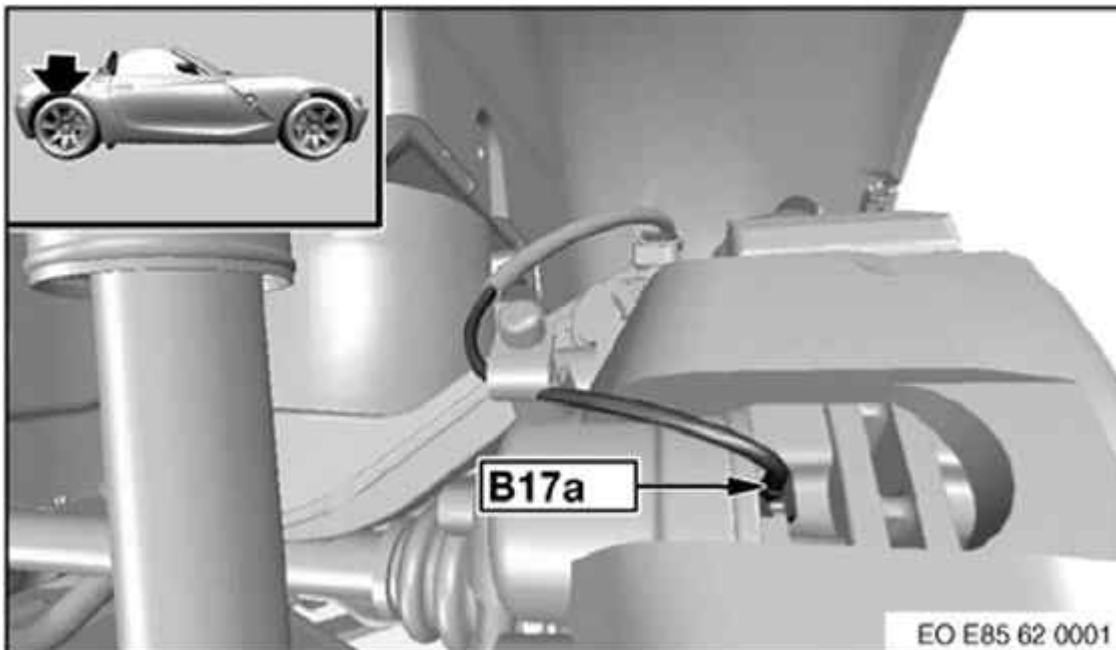
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Fig. 24: Left Rear Wheel

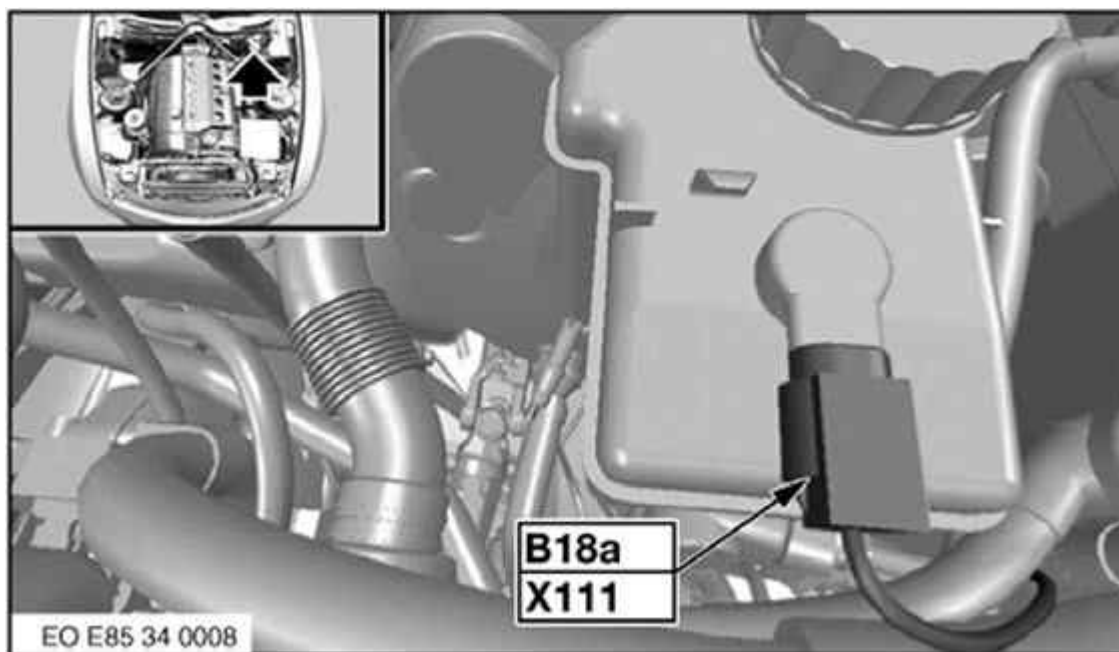
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Fig. 25: Right Rear Wheel

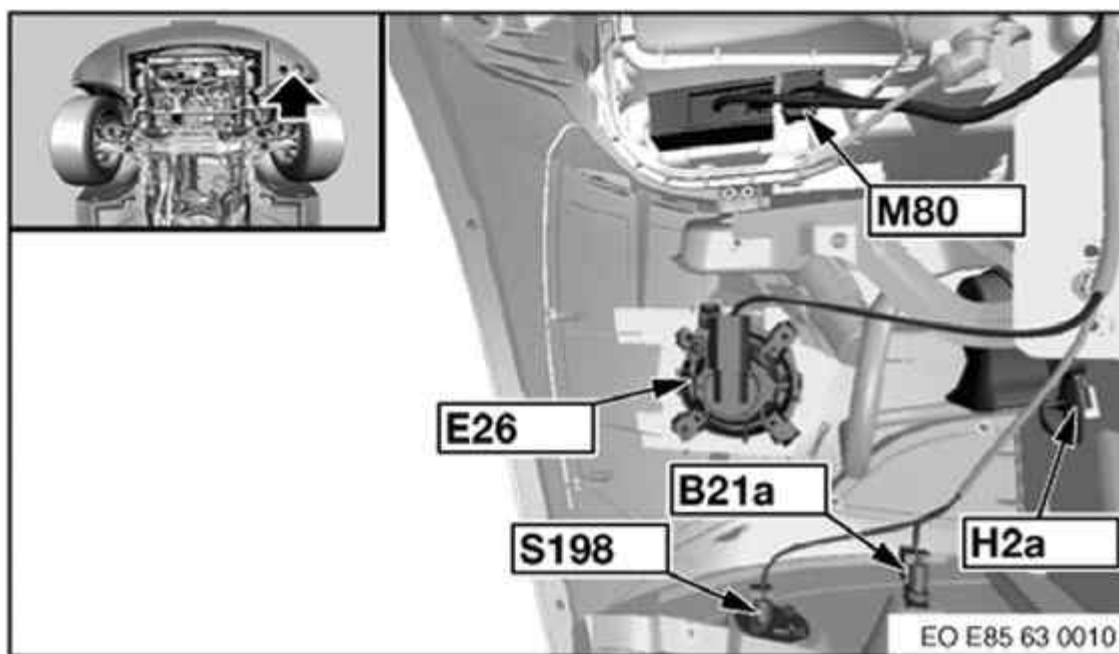
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Fig. 26: Brake Fluid Reservoir

Courtesy of BMW OF NORTH AMERICA, INC.



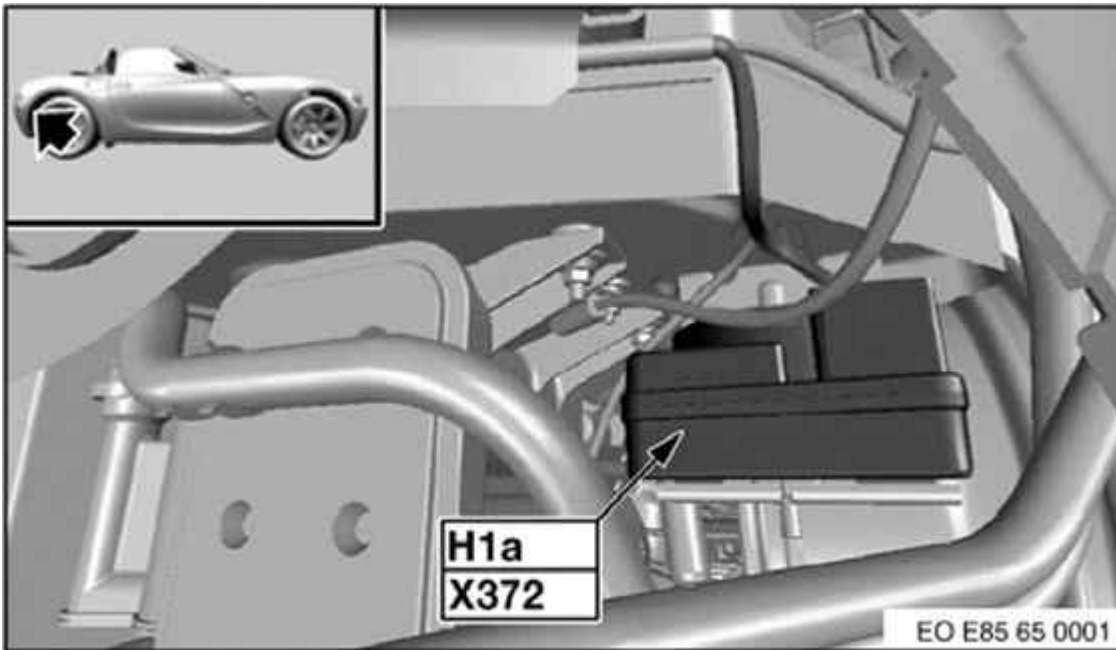
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Fig. 27: Under Left Front Of Vehicle

Courtesy of BMW OF NORTH AMERICA, INC.

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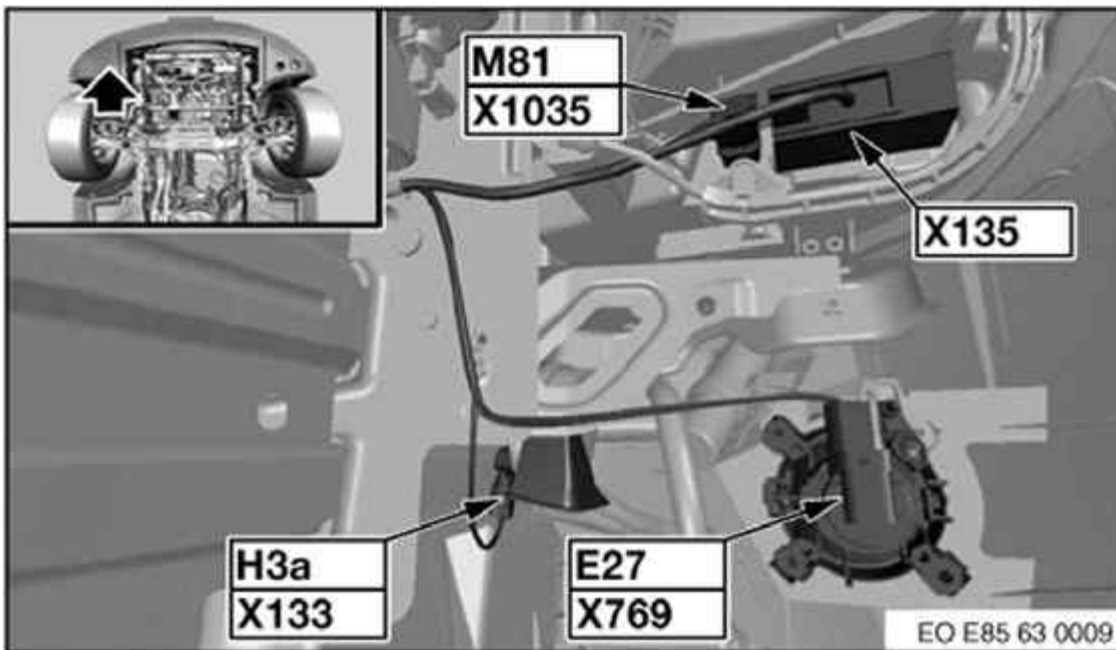
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Fig. 28: Right Rear Wheelwell

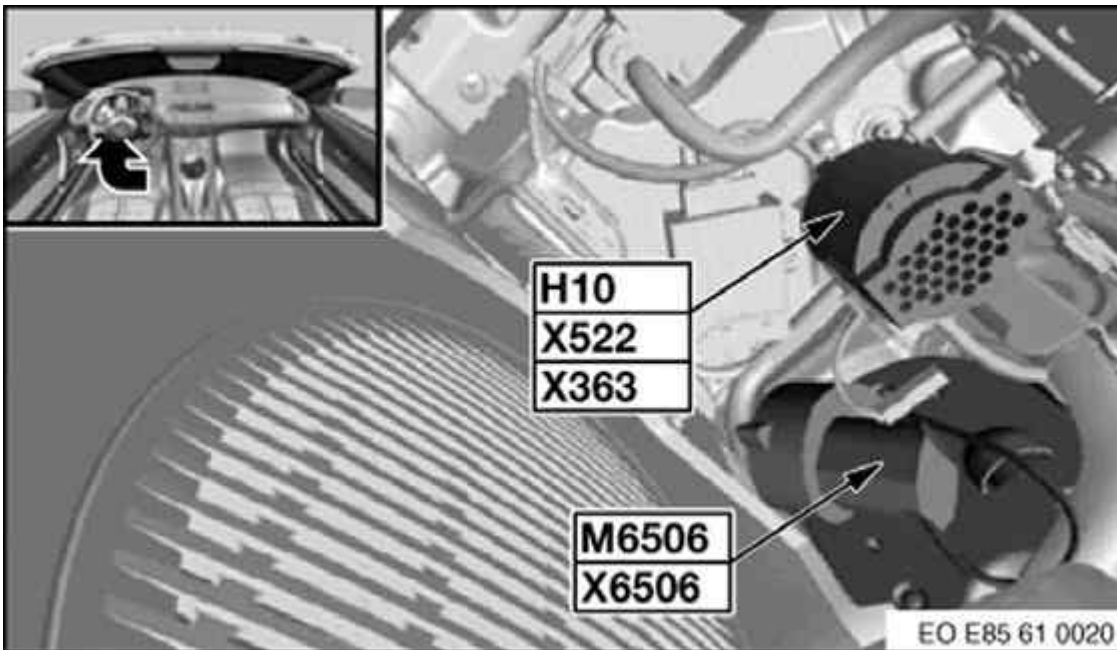
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Fig. 29: Under Right Front Of Vehicle

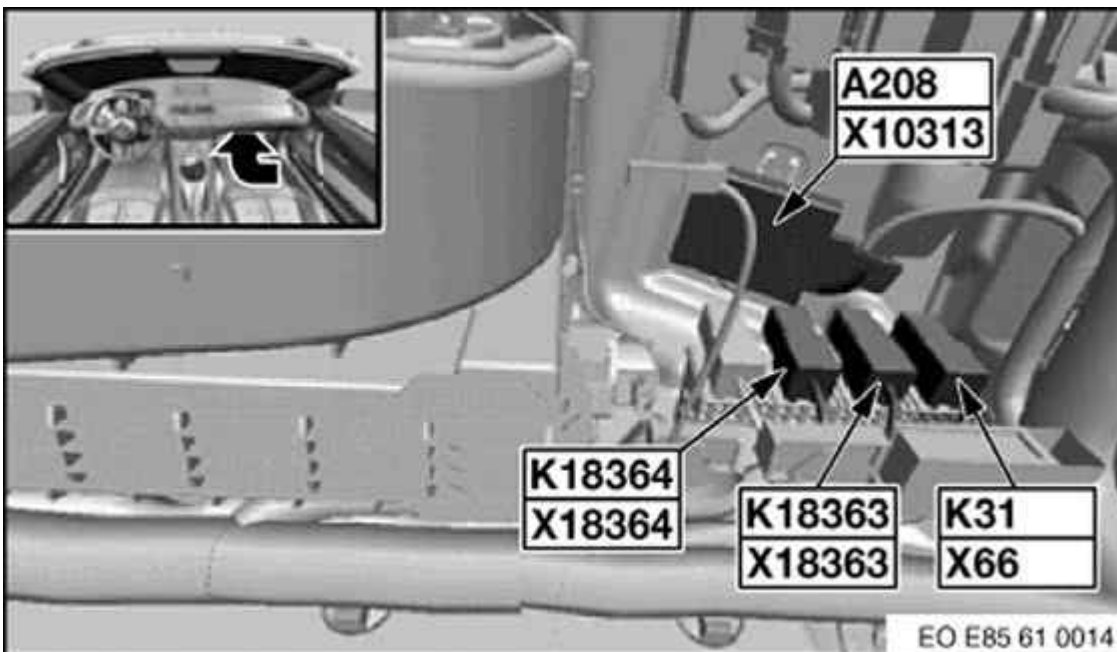
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 30: Left Side Of Dash

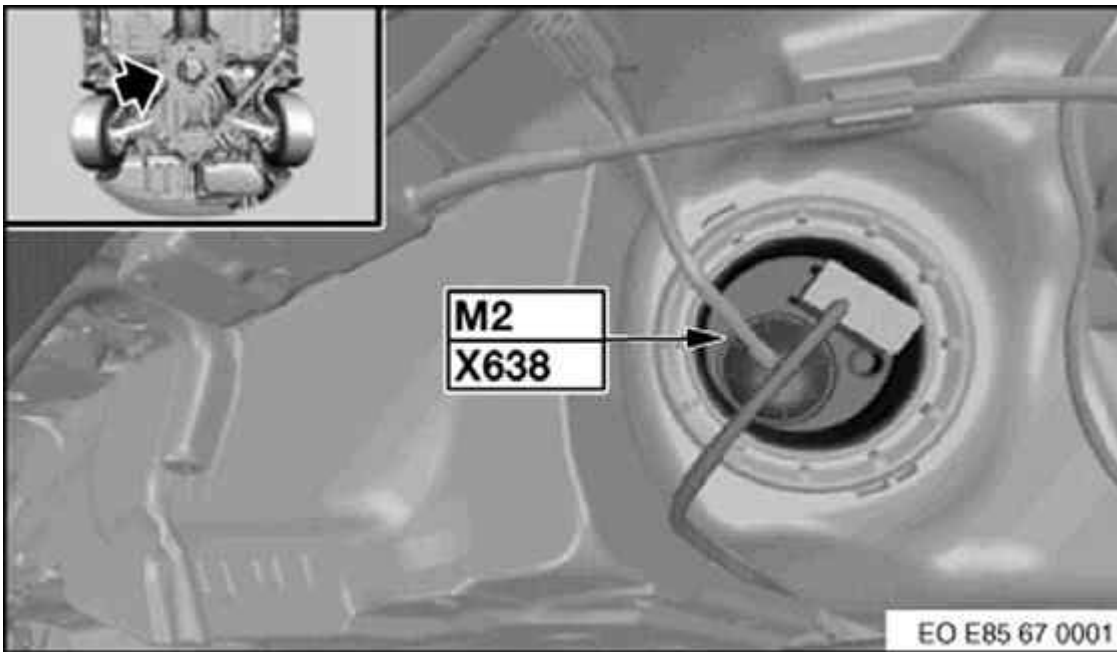
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Fig. 31: Right Side Of Dash

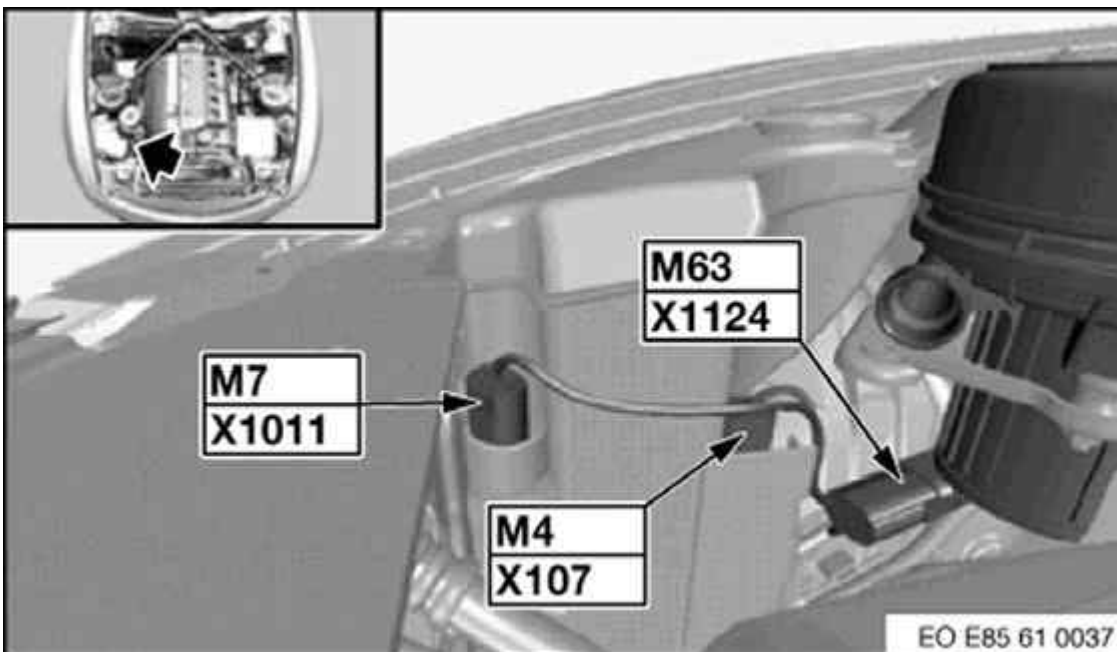
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Fig. 32: Under Rear Of Vehicle

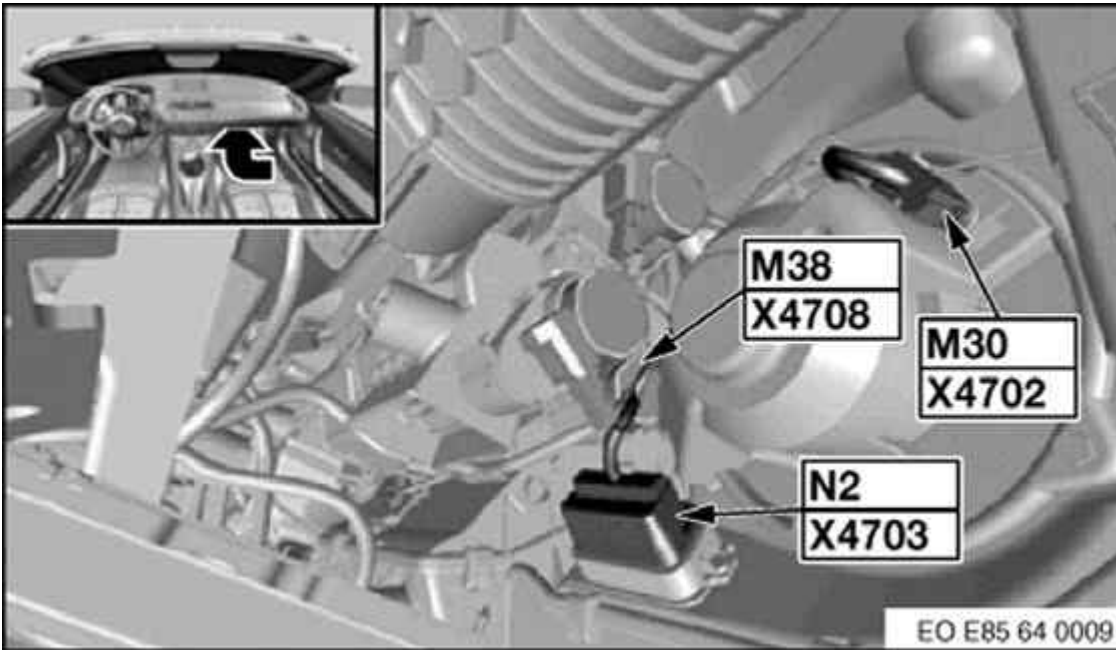
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Fig. 33: Right Front Of Engine Compartment

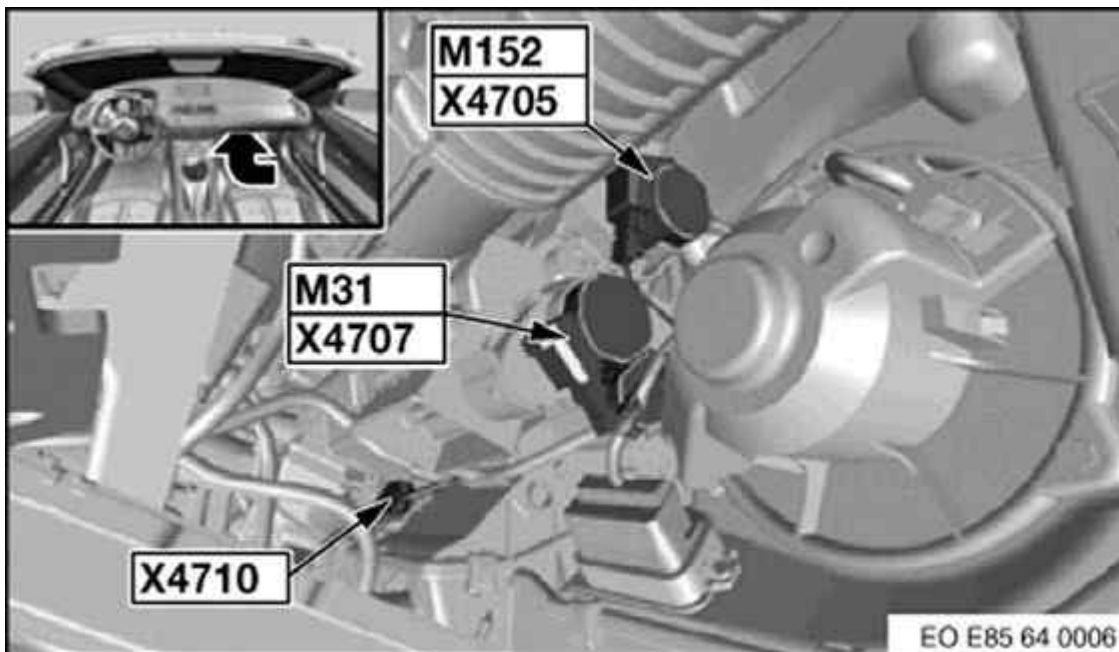
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Fig. 34: Right Side Of Dash

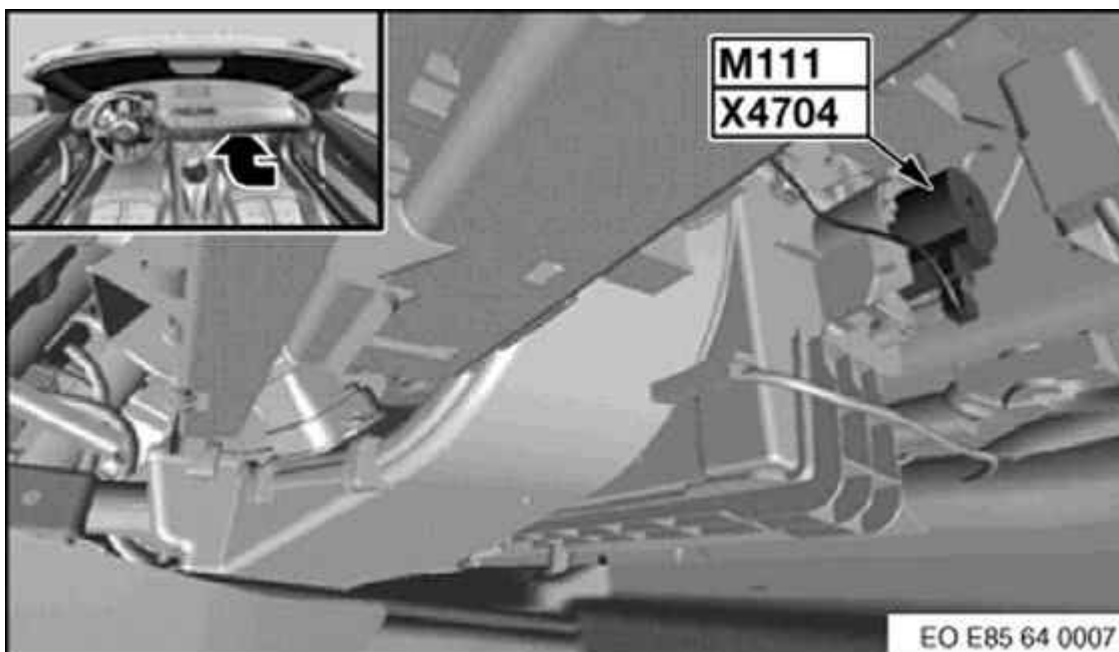
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Fig. 35: Right Side Of Dash

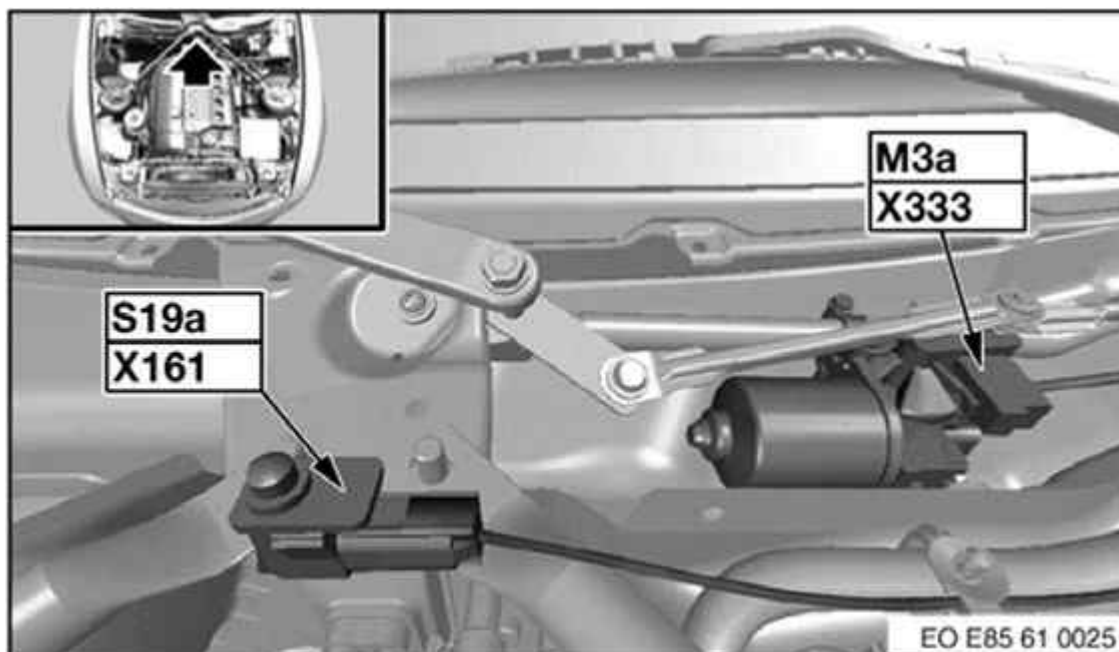
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 36: Right Side Of Dash

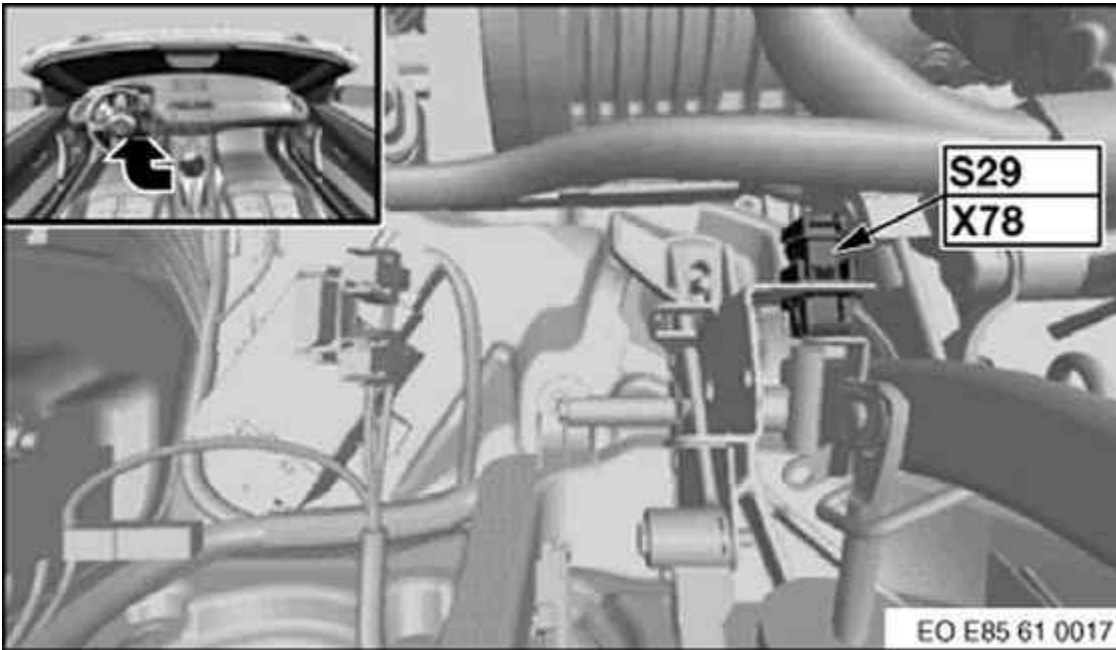
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 37: Rear Of Engine Compartment

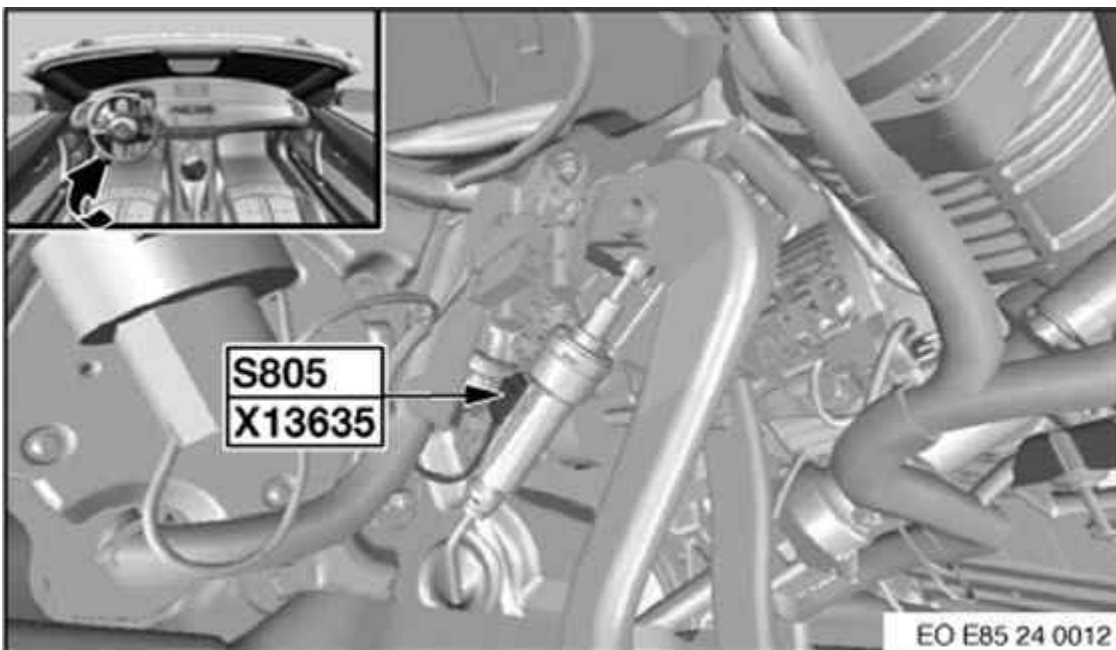
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Fig. 38: Left Side Of Dash

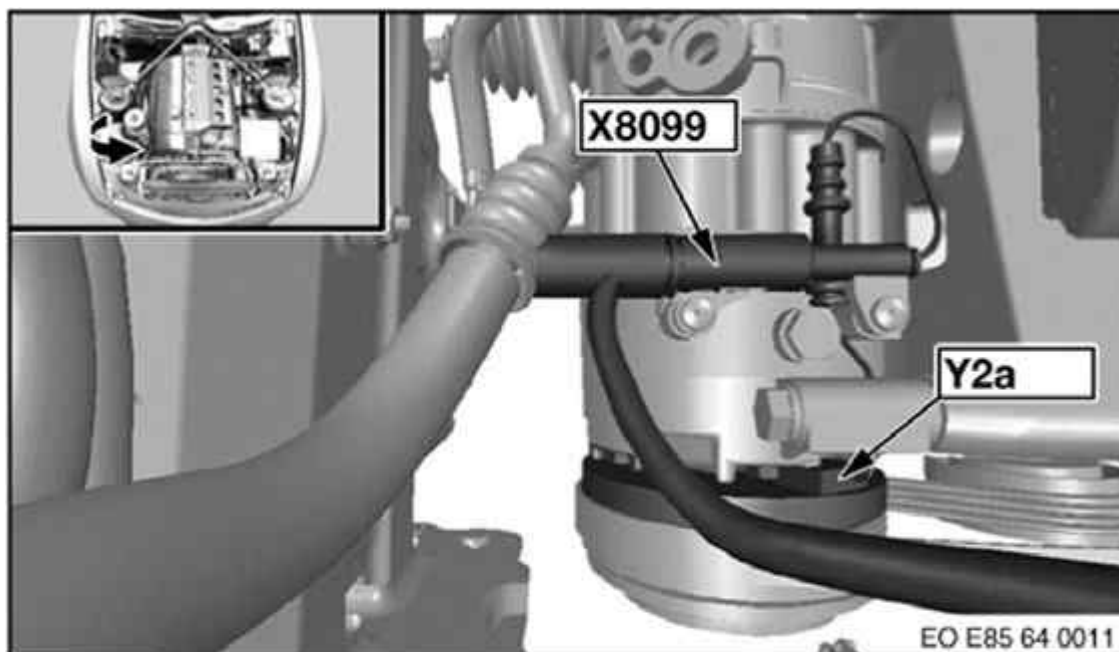
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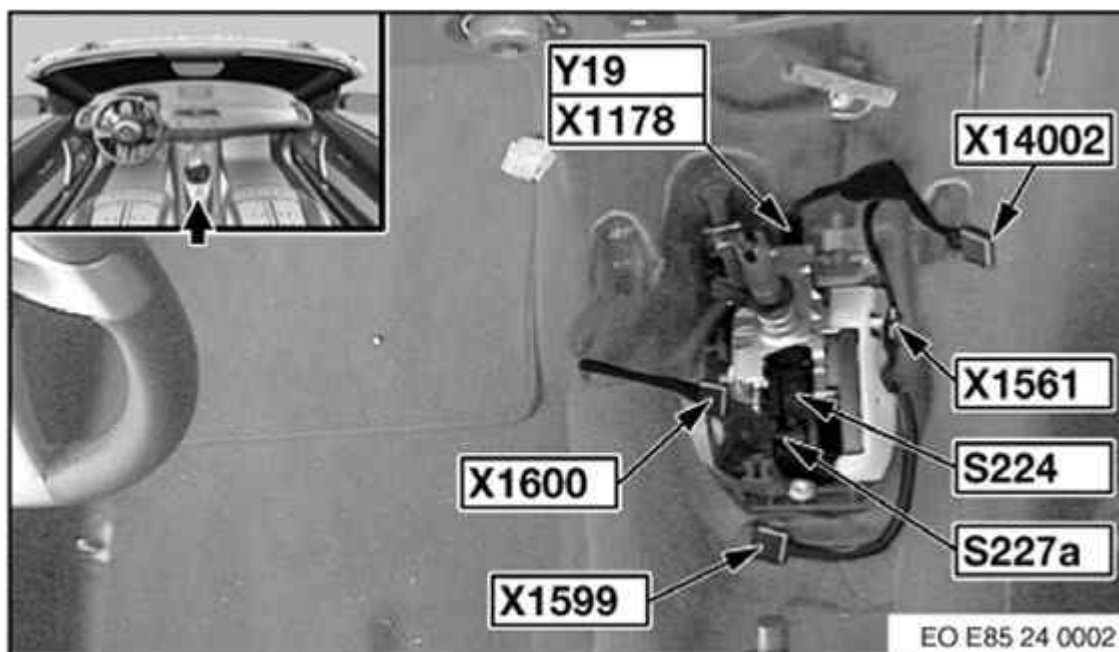
Fig. 39: Left Side Of Dash

Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 40: Right Side Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 41: Center Console
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