

2003 BMW X5 30i

2002-05 BMW X5

2002-05 BMW

X5

BUZZERS, RELAYS & TIMERS

BUZZERS, RELAYS & TIMERS LOCATION

Component	Location
Horn Relay (K2)	Behind glove box. See Fig. 44 .
Rear Defogger Relay (K13)	Right rear luggage compartment. See Fig. 46 .
Rear Lid Motor Relay (K70)	Right rear luggage compartment. See Fig. 47 .
Unloader Relay (Terminal R) (K3)	Right rear luggage compartment. See Fig. 45 .
Unloader Relay (Terminal 15) (K93)	Right rear luggage compartment. See Fig. 48 .

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

Component	Location
Fuse Carrier (Engine Electronics) (A8680)	Right rear engine compartment. See Fig. 62 .

CONTROL UNITS

CONTROL UNITS LOCATION

Component	Location
AGS Transmission Control Module (A7000)	Right rear engine compartment. See Fig. 25 .
Electronic Immobilizer Control Unit (EWS) (A146)	Left kick panel. See Fig. 24 .
General Module (A1)	Behind glove box. See Fig. 18 .
Intermittent Wipe/Wash Control Unit (Rear) (A36)	Tailgate. See Fig. 21 .
Light Module (A3)	Right kick panel. See Fig. 19 .
Navigation Control Module (A112)	Left rear passenger compartment. See Fig. 23 .
RDC Control Module (A85)	Behind glove box. See Fig. 22 .
Supplemental Restraint System Control Module (A12)	Below center console. See Fig. 20 .
Transfer Case Control Module (A70006)	Below left rear seat. See Fig. 26 .

MOTORS

MOTORS LOCATION

Component	Location
Rear Washer Pump (M95)	Washer reservoir. See Fig. 50 .
Washer Pump (M4)	Washer reservoir. See Fig. 49 .

SENDING UNITS & SENSORS

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SENDING UNITS & SENSORS LOCATION

Component	Location
Brake Pad Sensor (Left Front) (B16)	Left front brake caliper. See Fig. 31 .
Brake Pad Sensor (Right Rear) (B17)	Right rear brake caliper. See Fig. 32 .
Level Sensor (Left Front) (B86)	Left front control arm. See Fig. 36 .
Level Sensor (Left Rear) (B70)	Left rear control arm. See Fig. 35 .
Oil Quality Sensor (B62540)	Oil pan. See Fig. 37 .
Speed Sensor (Left Front) (B2)	Left front wheel. See Fig. 28 .
Speed Sensor (Left Rear) (B4)	Left rear wheel. See Fig. 30 .
Speed Sensor (Right Front) (B1)	Right front wheel. See Fig. 27 .
Speed Sensor (Right Rear) (B3)	Right rear wheel. See Fig. 29 .
Temperature Sensor (B21)	Under left front bumper. See Fig. 34 .

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Location
Air Seal Valve (Front Axle) (Y10504)	Under right front center of vehicle. See Fig. 60 .
Air Seal Valve (Rear Axle) (Y10505)	Under right rear center of vehicle. See Fig. 61 .

SWITCHES

SWITCHES LOCATION

Component	Location
Brake Fluid Level Switch (B18)	Left rear engine compartment. See Fig. 33 .
Brake Light Switch (S29)	Under left side of dash. See Fig. 54 .
Park Brake Switch (S31)	Below center console. See Fig. 55 .
Park/Neutral Position Switch (Y19)	Center console. See Fig. 59 .
Seat Belt Switch (Driver's) (S58)	Right of driver's seat. See Fig. 56 .
Seat Belt Switch (Passenger's) (S59)	Left of passenger's seat. See Fig. 57 .
Selector Lever Position Switch (S227)	Under selector lever cover. See Fig. 58 .
Underhood Light Switch (S19)	Right rear engine compartment. See Fig. 53 .

MISCELLANEOUS

MISCELLANEOUS LOCATION

Component	Location
Antenna Amplifier (N8)	Top center of tailgate. See Fig. 52 .
Anti-Theft Horn (DWA) (H1)	Left rear engine compartment. See Fig. 38 .
Chime Module (H10)	Left side of dash. See Fig. 41 .
Diversity (I01113)	Left rear passenger compartment. See Fig. 43 .

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Entry Light Module (I01099)	Behind glove box. See Fig. 44 .
Final Stage Unit (N2)	Behind center of dash. See Fig. 51 .
GPS Antenna (I01002)	Roof spoiler. See Fig. 42 .
GPS Receiver (N28)	Left rear passenger compartment. See Fig. 23 .
Horn (Left) (H2)	Left front wheelwell. See Fig. 39 .
Horn (Right) (H3)	Left front wheelwell. See Fig. 40 .
OBDII Connector (X19527)	Left side of dash. See Fig. 9 .

CONNECTORS

CONNECTORS LOCATION

Component	Location
X256 (Black, 30 Pin)	Passenger's door. See Fig. 12 .
X257 (Black, 30 Pin)	Driver's door. See Fig. 13 .

GROUND S

GROUND S LOCATION

Component	Location
X151	Under driver's seat. See Fig. 3 .
X165	Left front wheelwell. See Fig. 4 .
X166	Right front wheelwell. See Fig. 5 .
X492	Under passenger's seat. See Fig. 14 .
X493	Rear luggage compartment. See Fig. 15 .
X494	Right rear passenger compartment. See Fig. 16 .
X498	Front center of luggage compartment. See Fig. 17 .
X1106	Right front wheelwell. See Fig. 5 .
X1108	Left kick panel. See Fig. 6 .
X10012	Right kick panel. See Fig. 7 .
X13016	Left rear passenger compartment. See Fig. 8 .

SPLICES

SPLICES LOCATION

Component	Location
X215	Left side of dash. See Fig. 10 .
X217	Left side of dash. See Fig. 10 .
X219	Behind glove box. See Fig. 11 .
X596	Behind glove box. See Fig. 11 .
X01121	Left "A" pillar. See Fig. 1 .
X01122	Right "A" pillar. See Fig. 2 .

COMPONENT LOCATION GRAPHICS

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

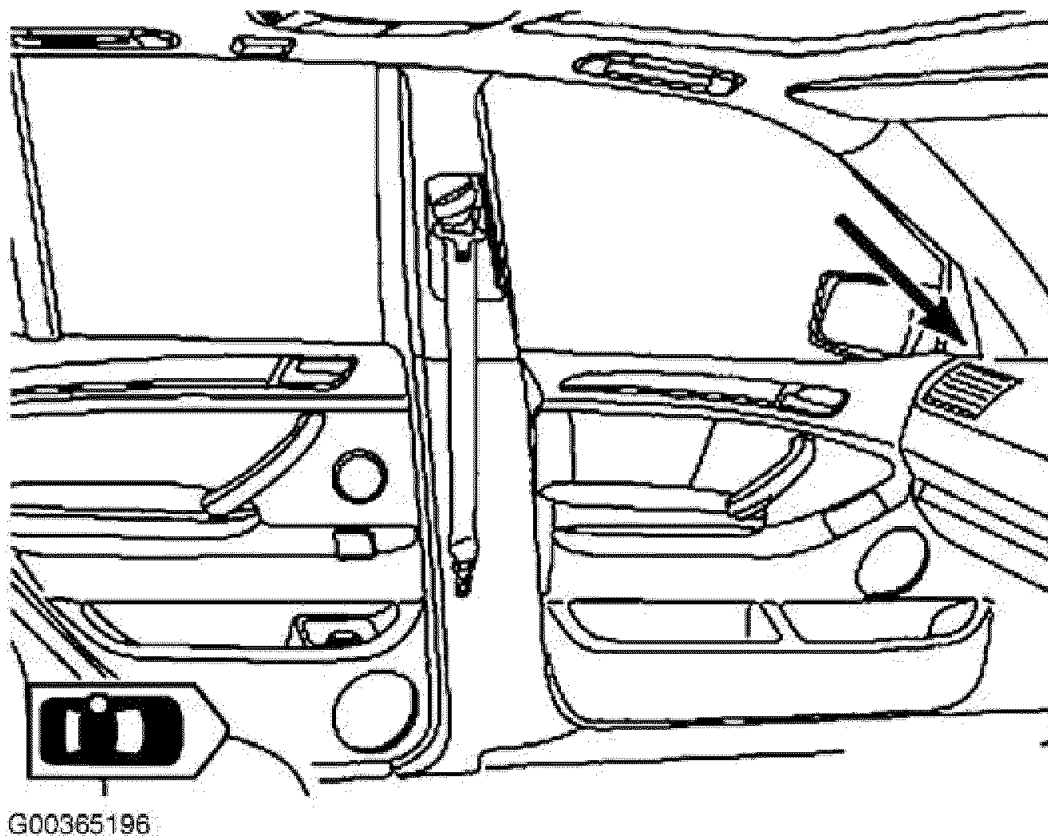
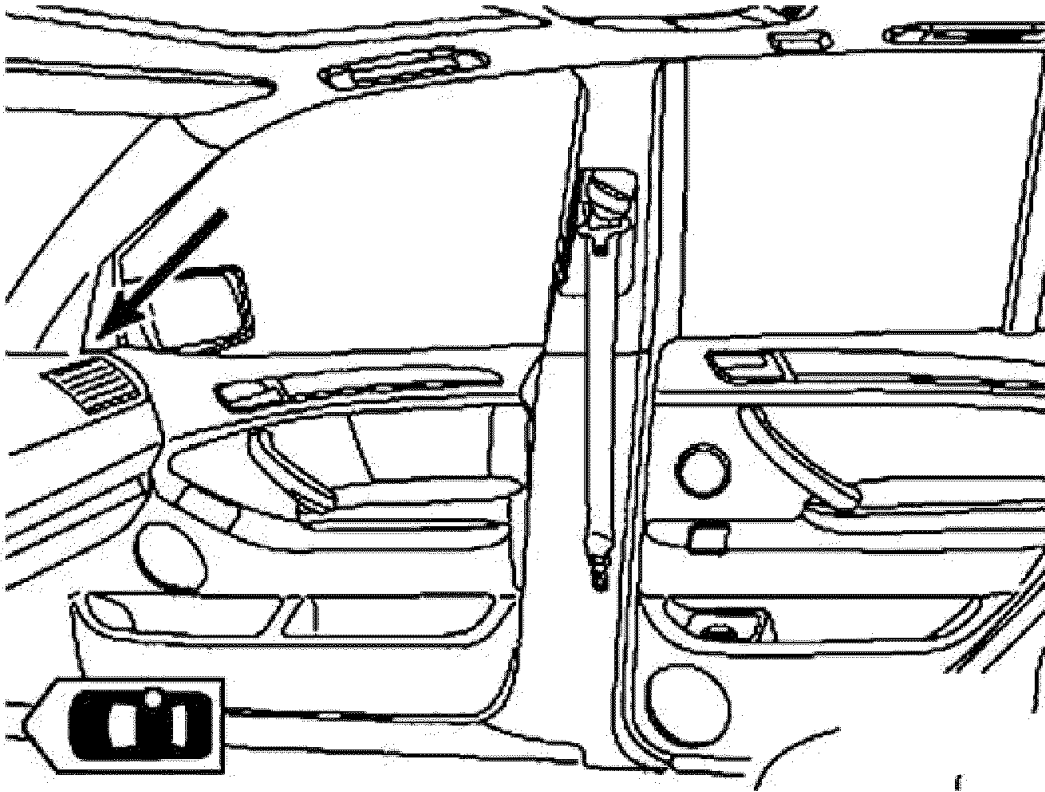


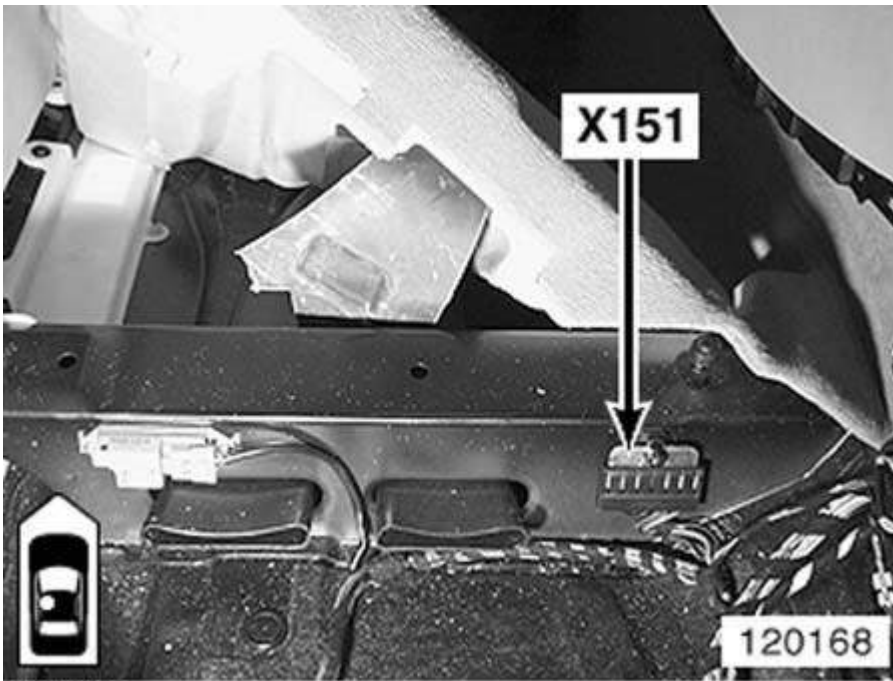
Fig. 1: Left "A" Pillar
Courtesy of BMW OF NORTH AMERICA, INC.



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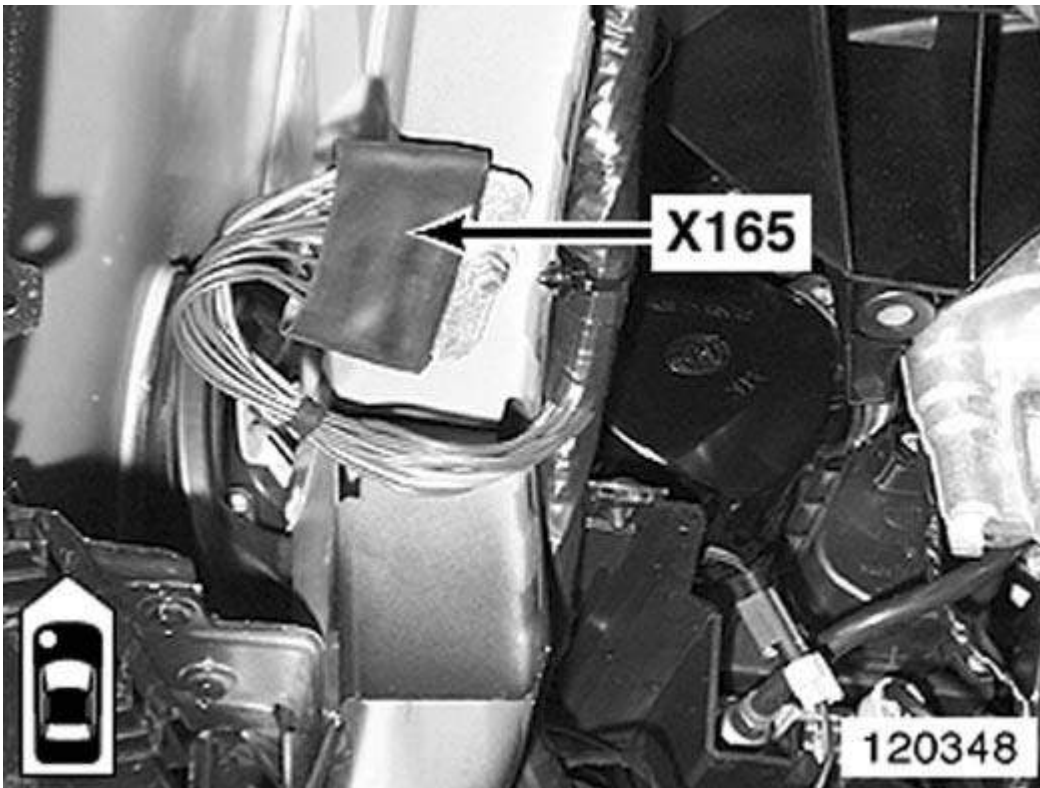
Fig. 2: Right "A" Pillar

Courtesy of BMW OF NORTH AMERICA, INC.



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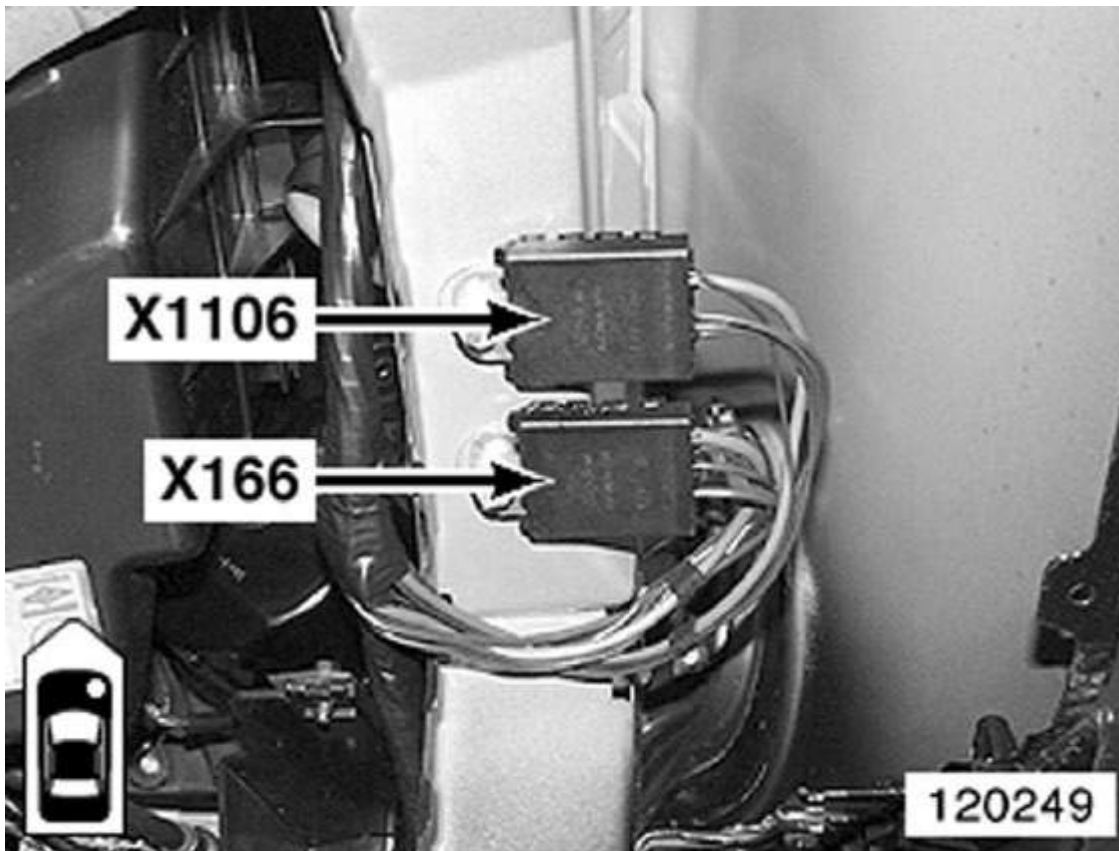
Fig. 3: Under Driver's Seat
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 4: Left Front Wheelwell

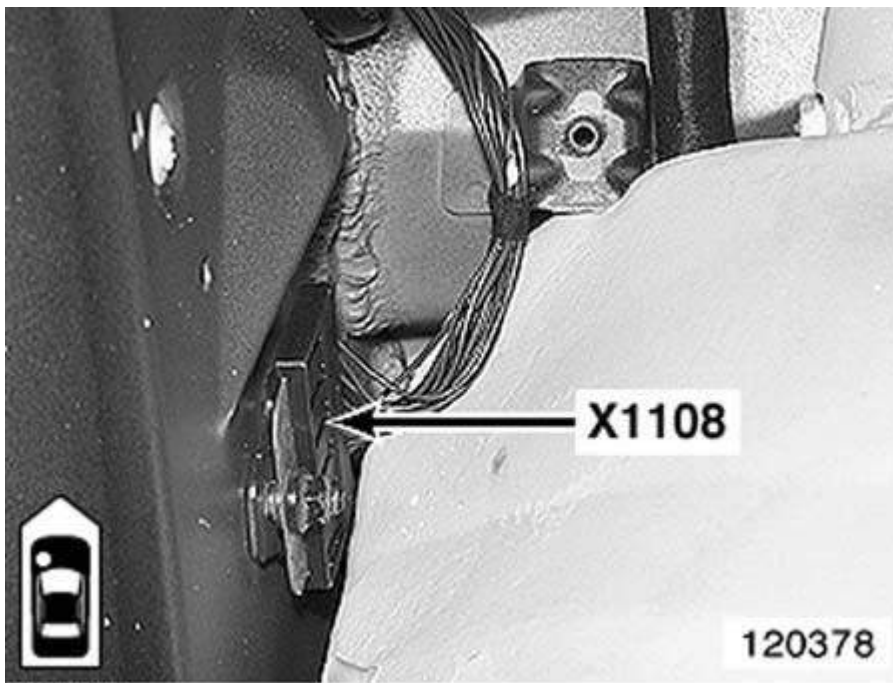
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 5: Right Front Wheelwell

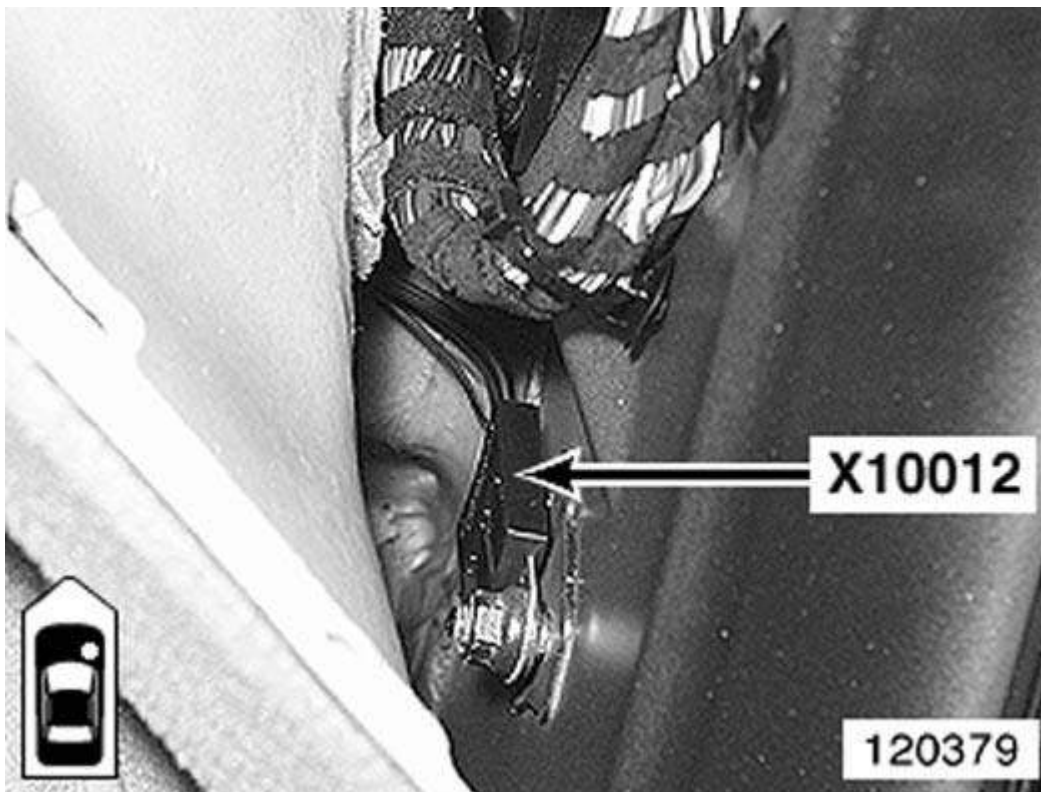
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 6: Left Kick Panel

Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 7: Right Kick Panel

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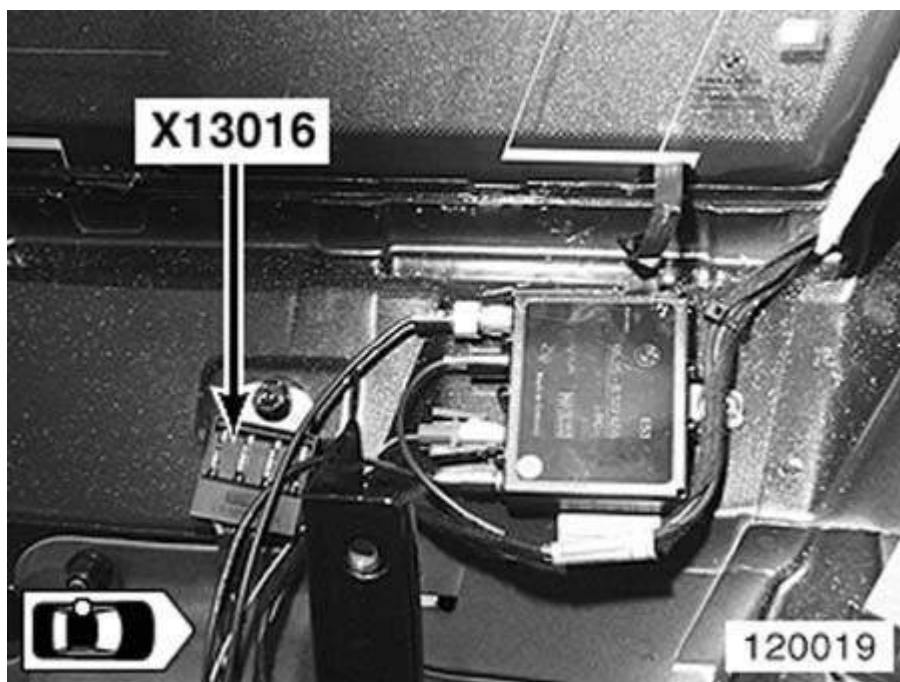
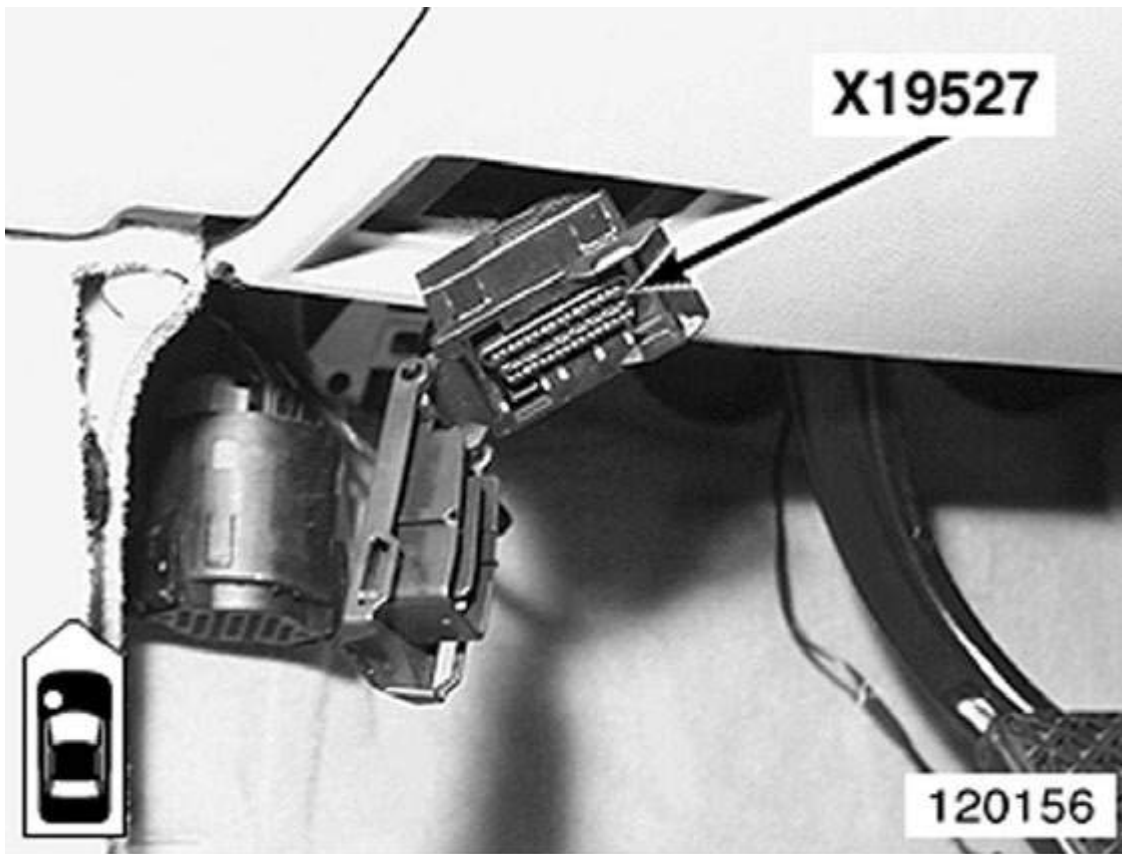


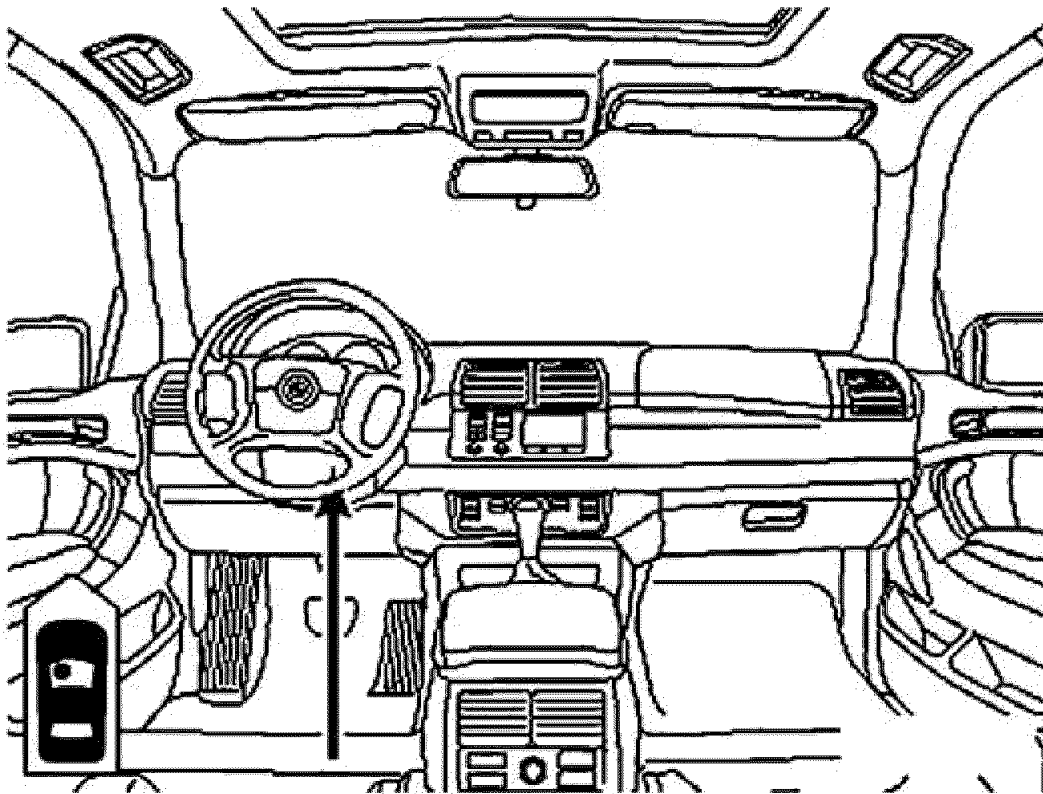
Fig. 8: Left Rear Of Passenger Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 9: Left Side Of Dash

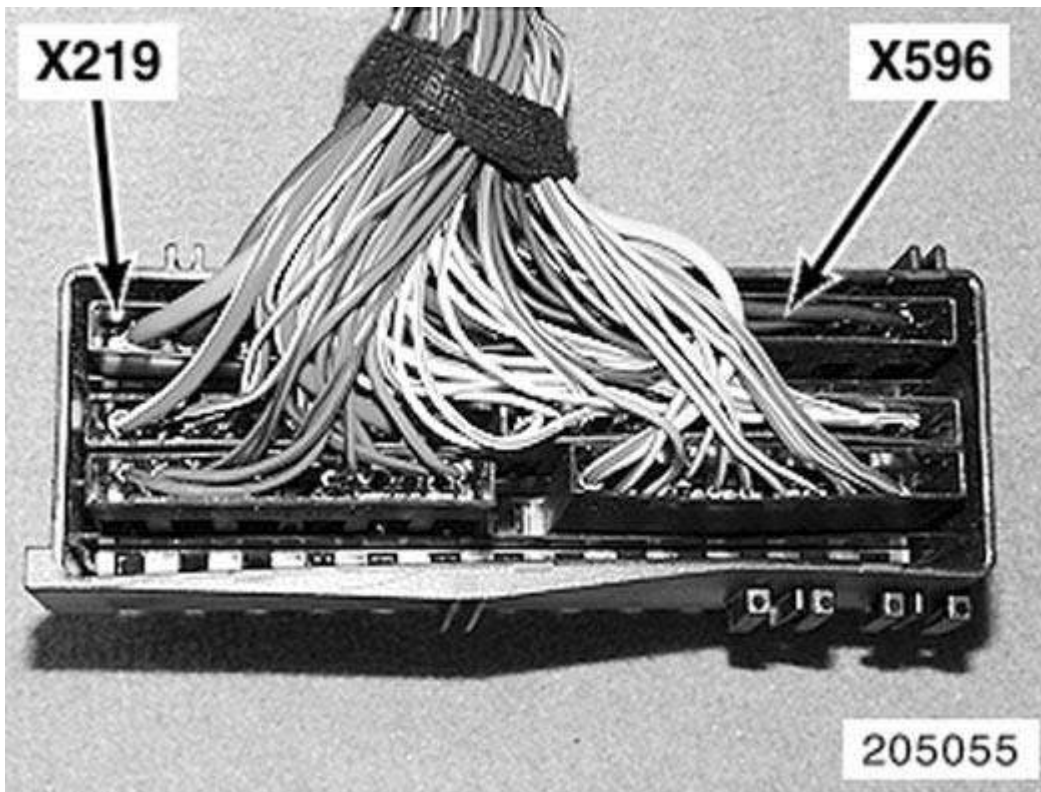
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 10: Left Side Of Dash

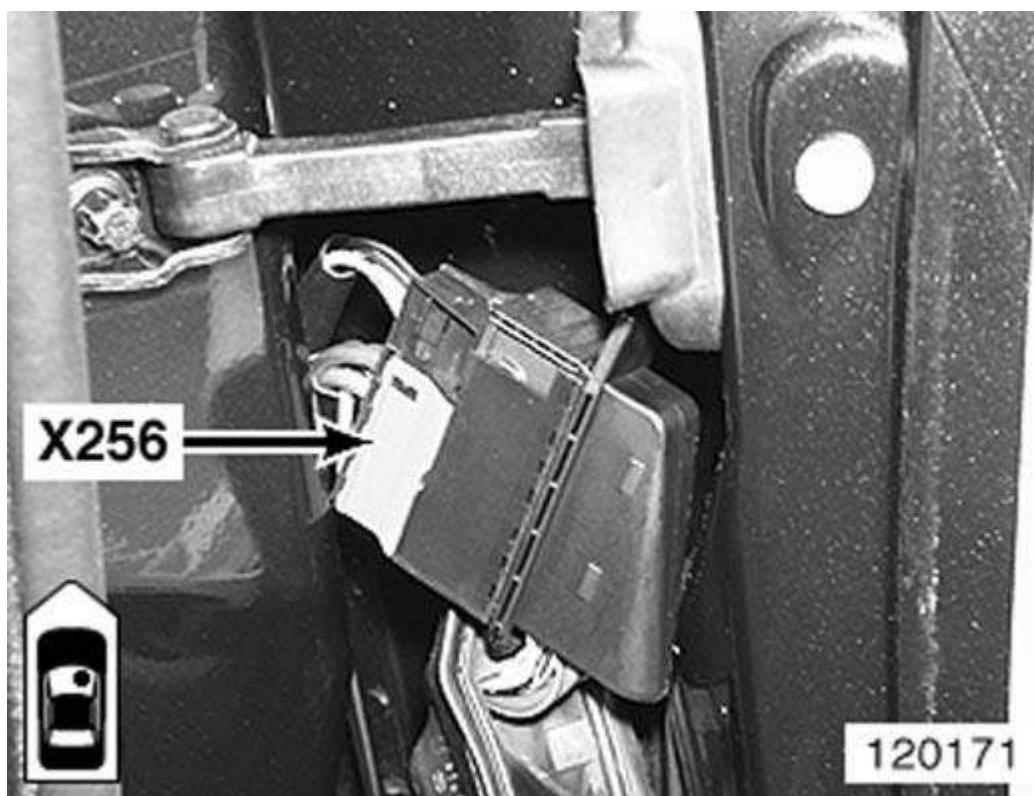
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 11: Behind Glove Box

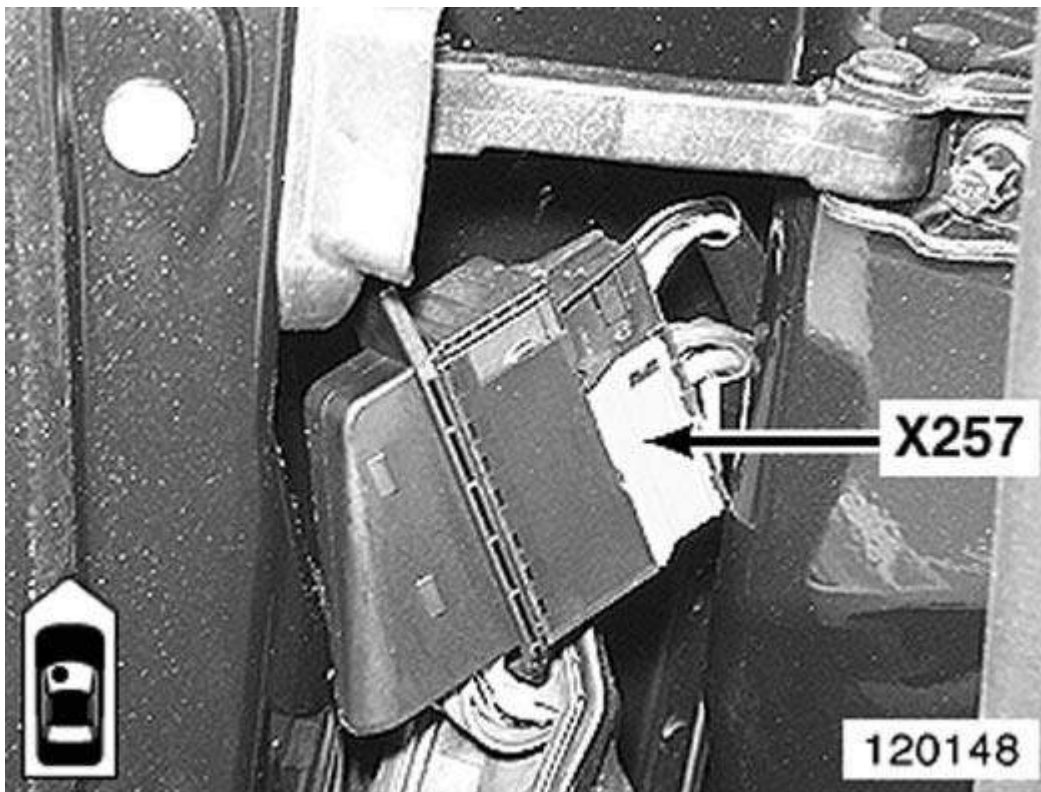
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 12: Passenger's Door

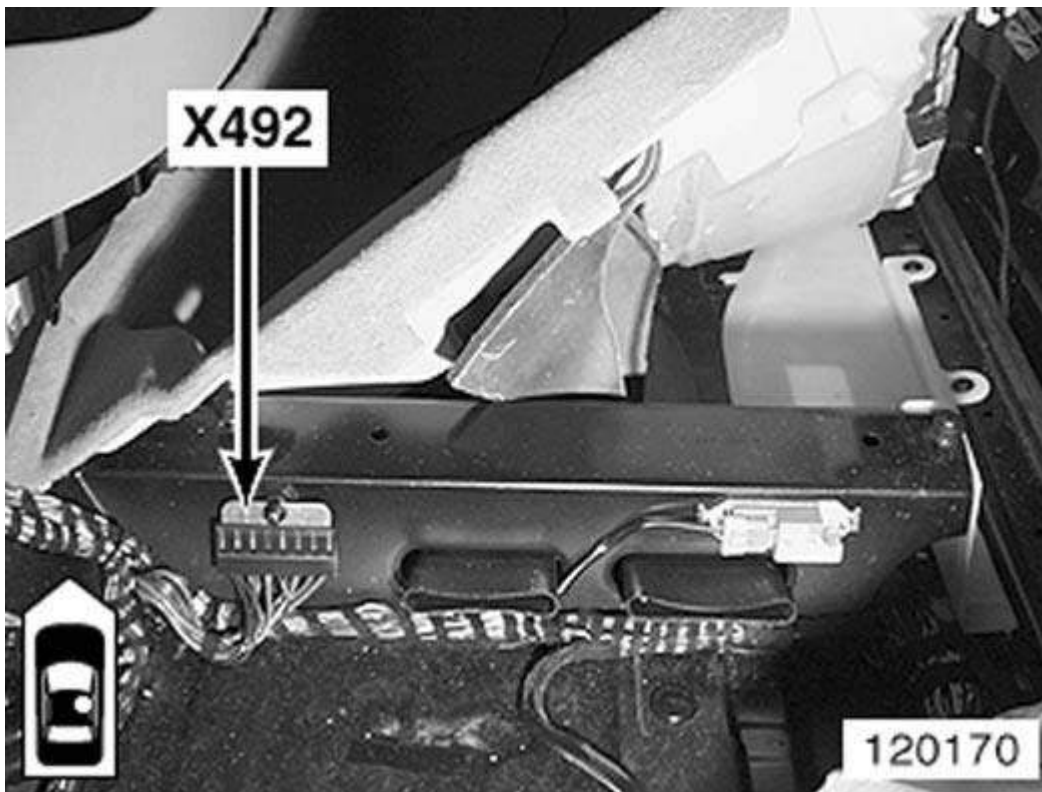
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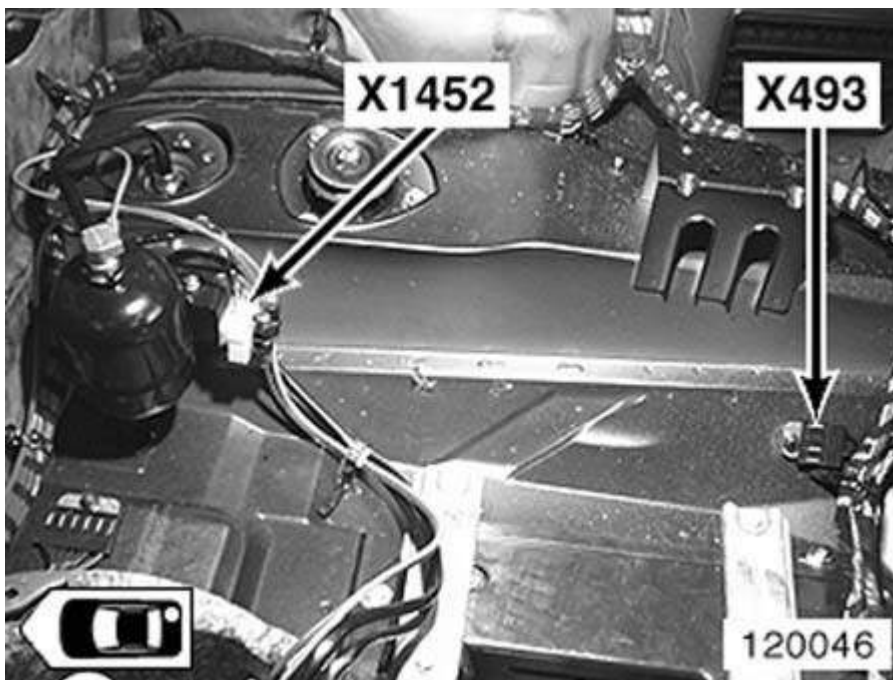
Fig. 13: Driver's Door

Courtesy of BMW OF NORTH AMERICA, INC.



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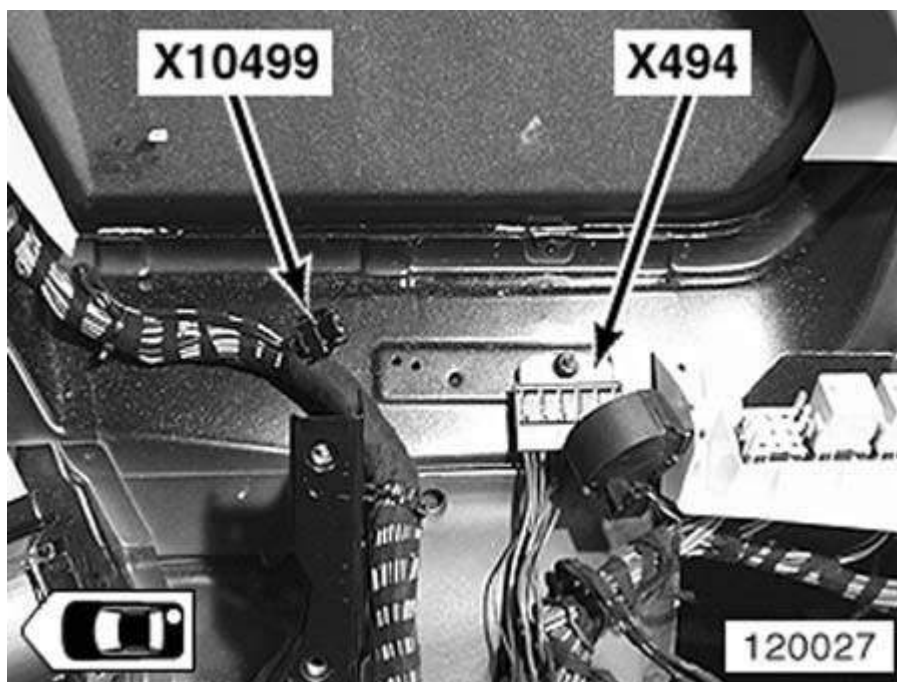
Fig. 14: Under Passenger's Seat
Courtesy of BMW OF NORTH AMERICA, INC.



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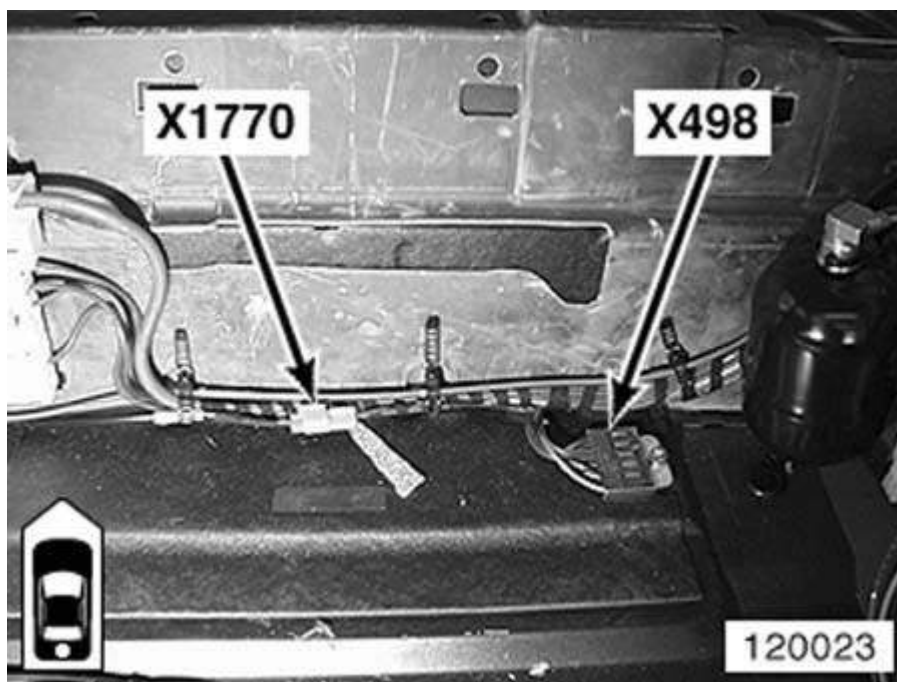
Fig. 15: Rear Of Luggage Compartment

Courtesy of BMW OF NORTH AMERICA, INC.



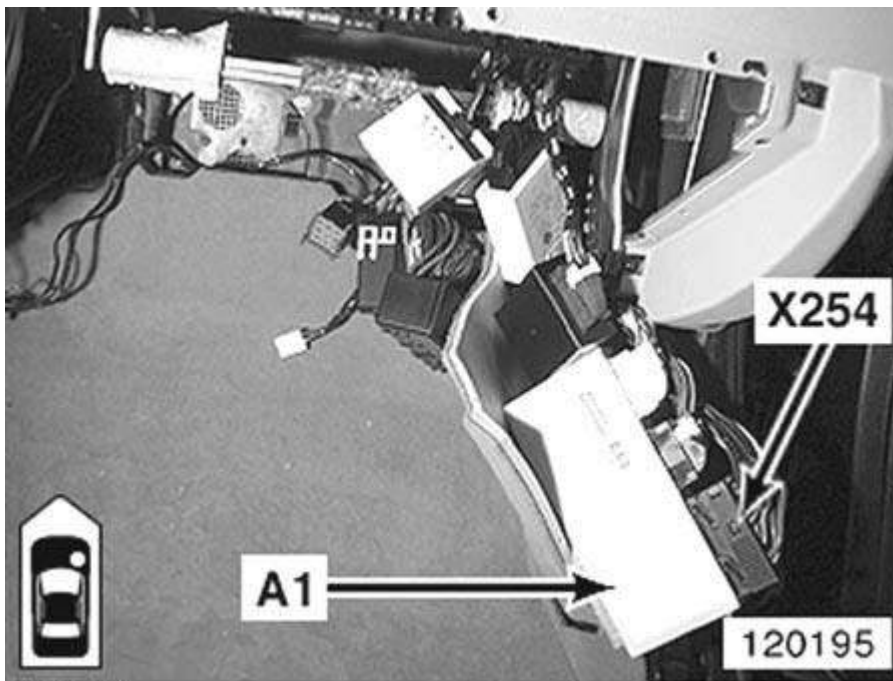
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Fig. 16: Right Rear Of Passenger Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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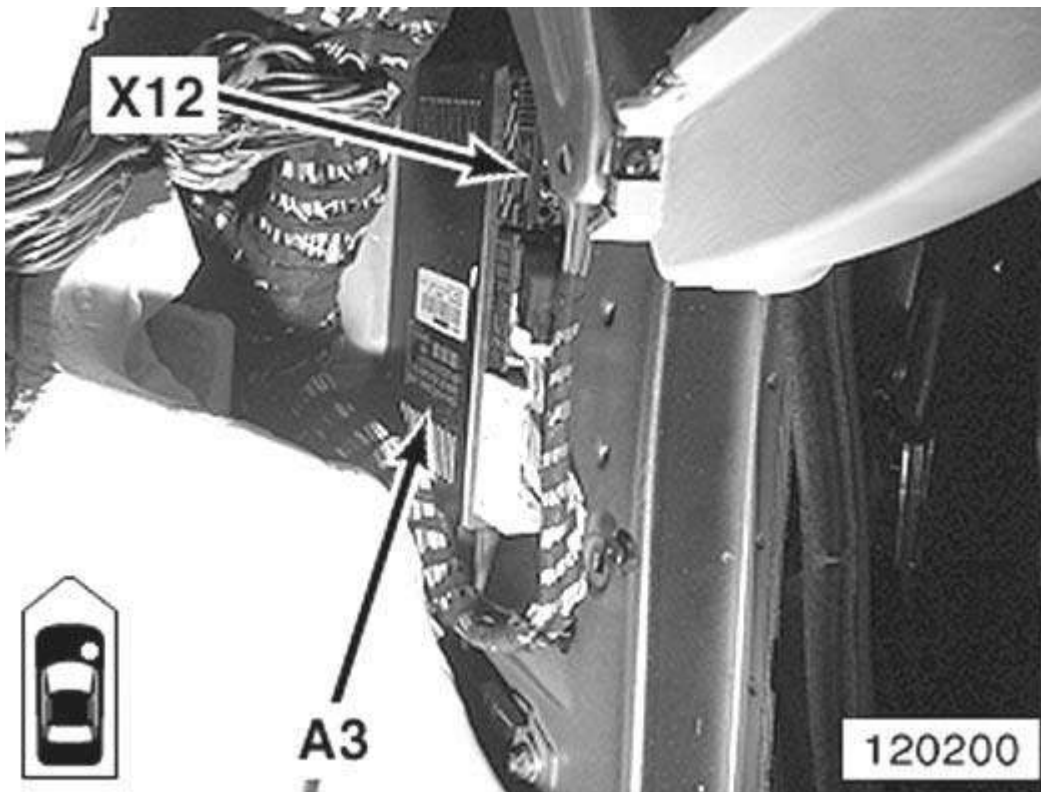
Fig. 17: Front Center Of Luggage Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 18: Behind Glove Box

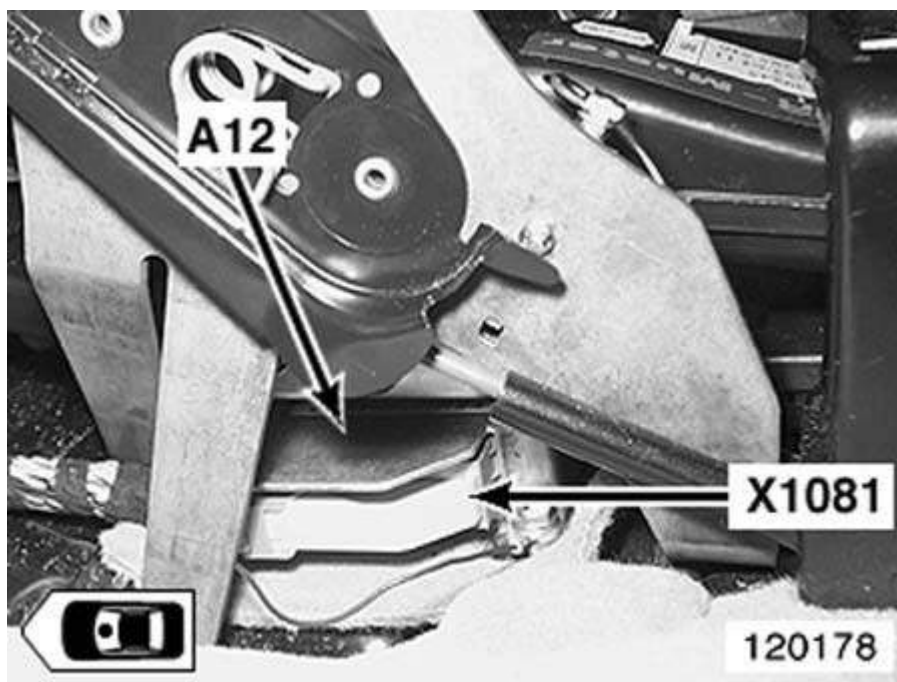
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 19: Right Kick Panel

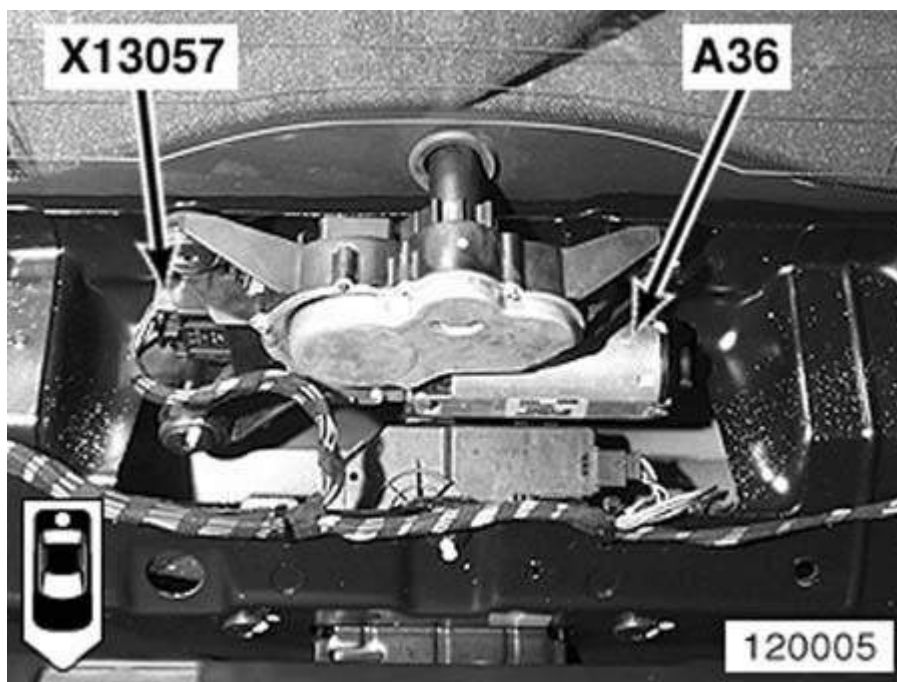
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 20: Below Center Console

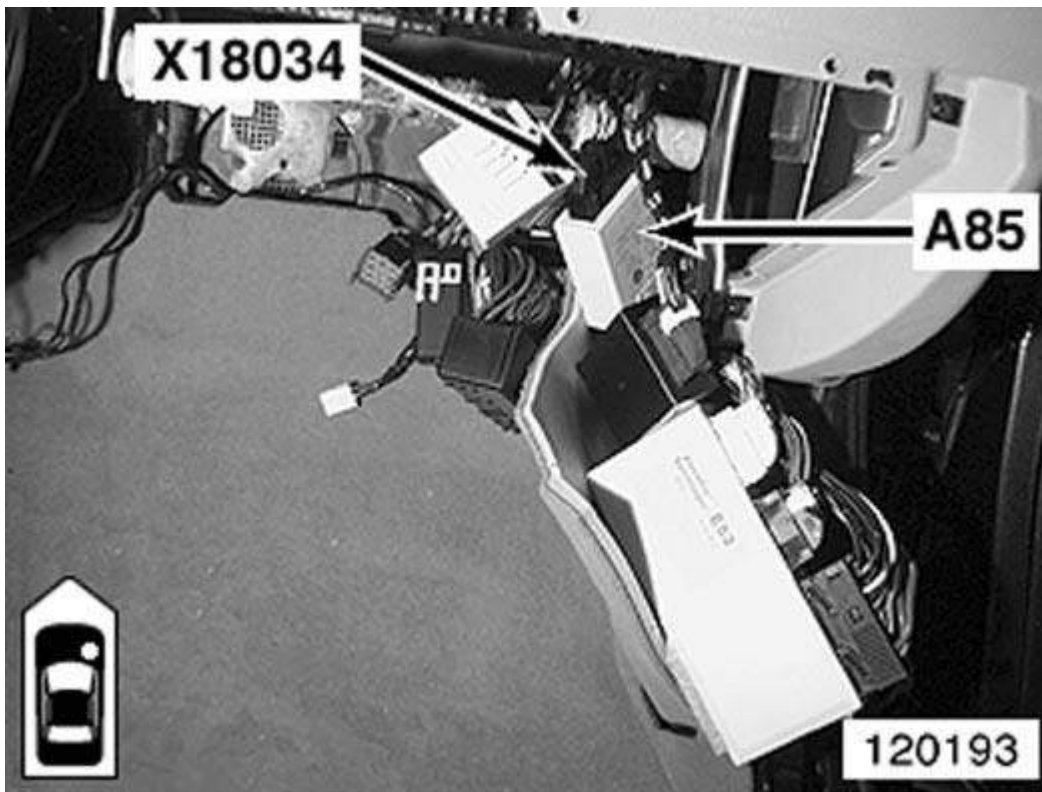
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 21: Tailgate

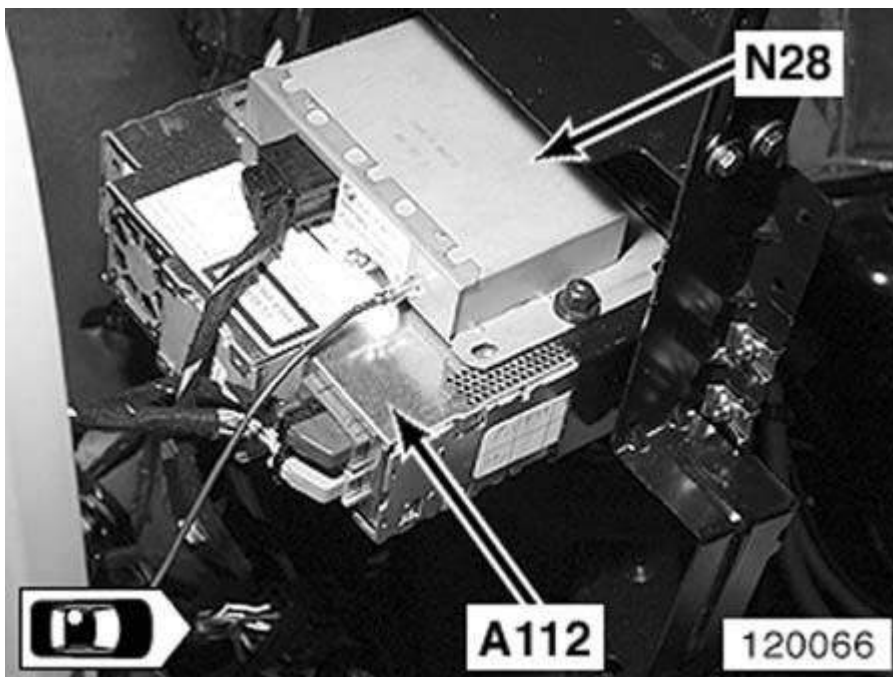
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 22: Behind Glove Box

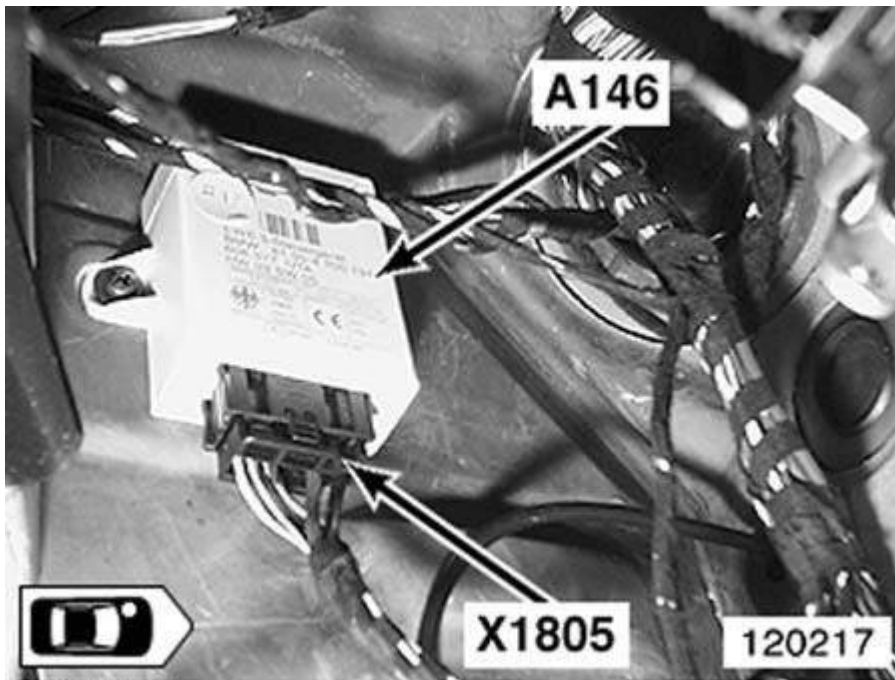
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 23: Left Rear Of Passenger Compartment

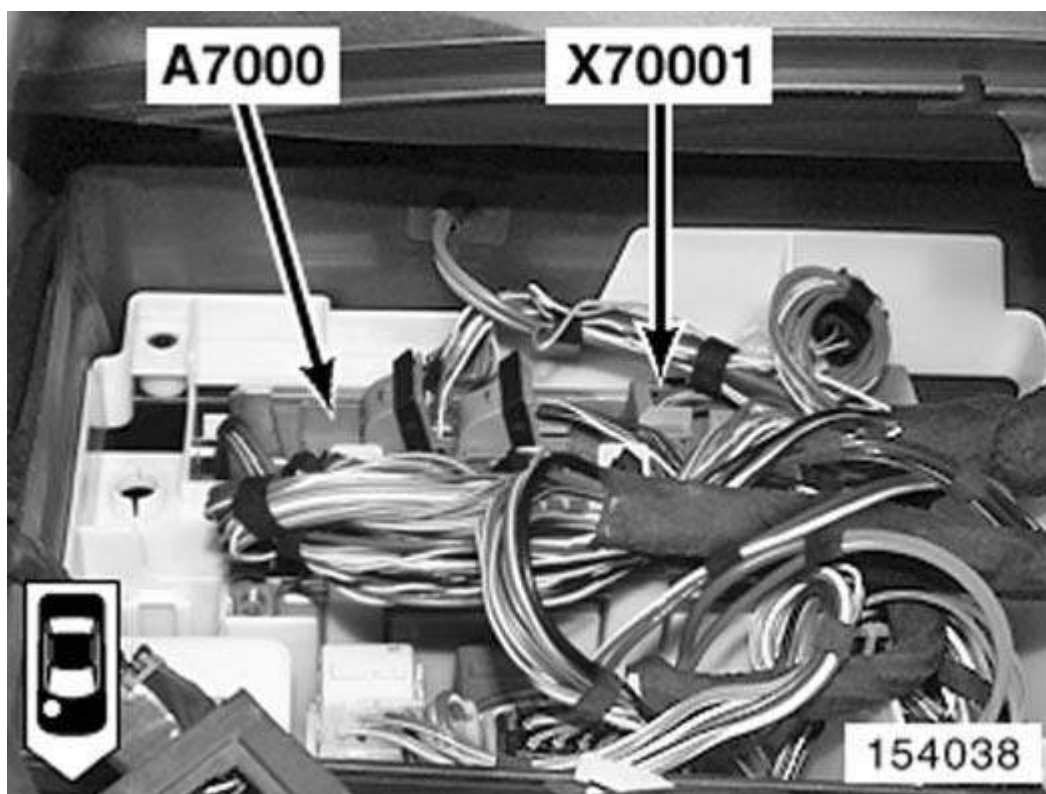
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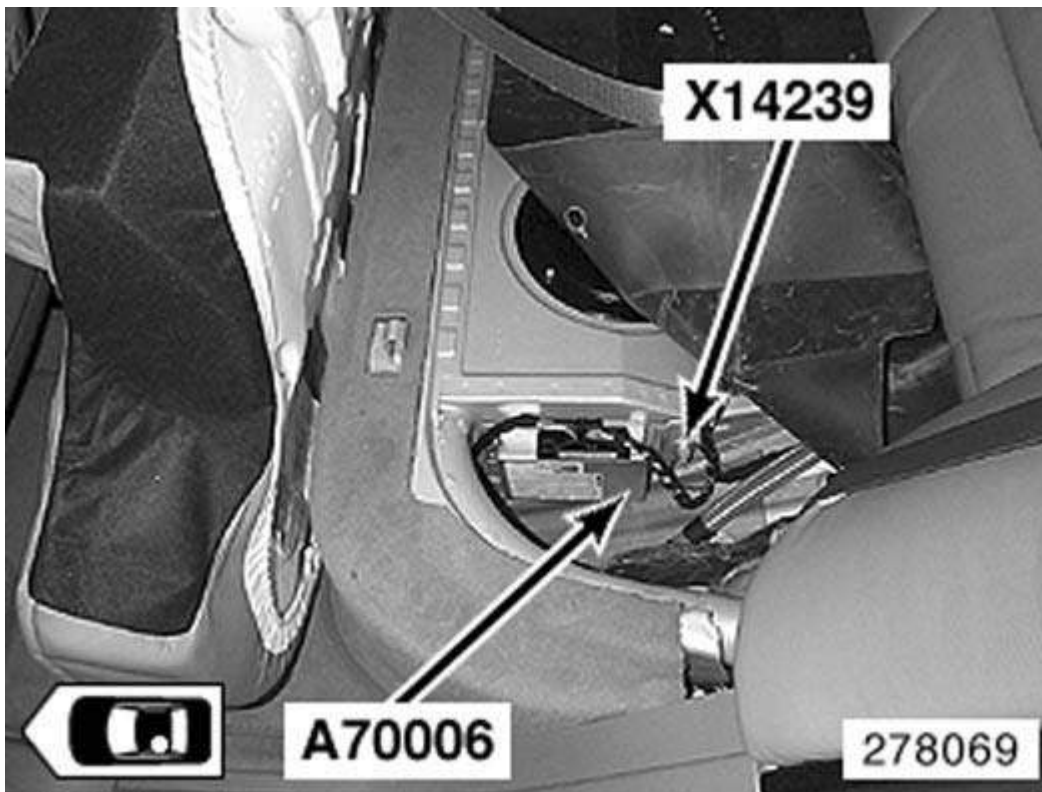
Fig. 24: Left Kick Panel

Courtesy of BMW OF NORTH AMERICA, INC.



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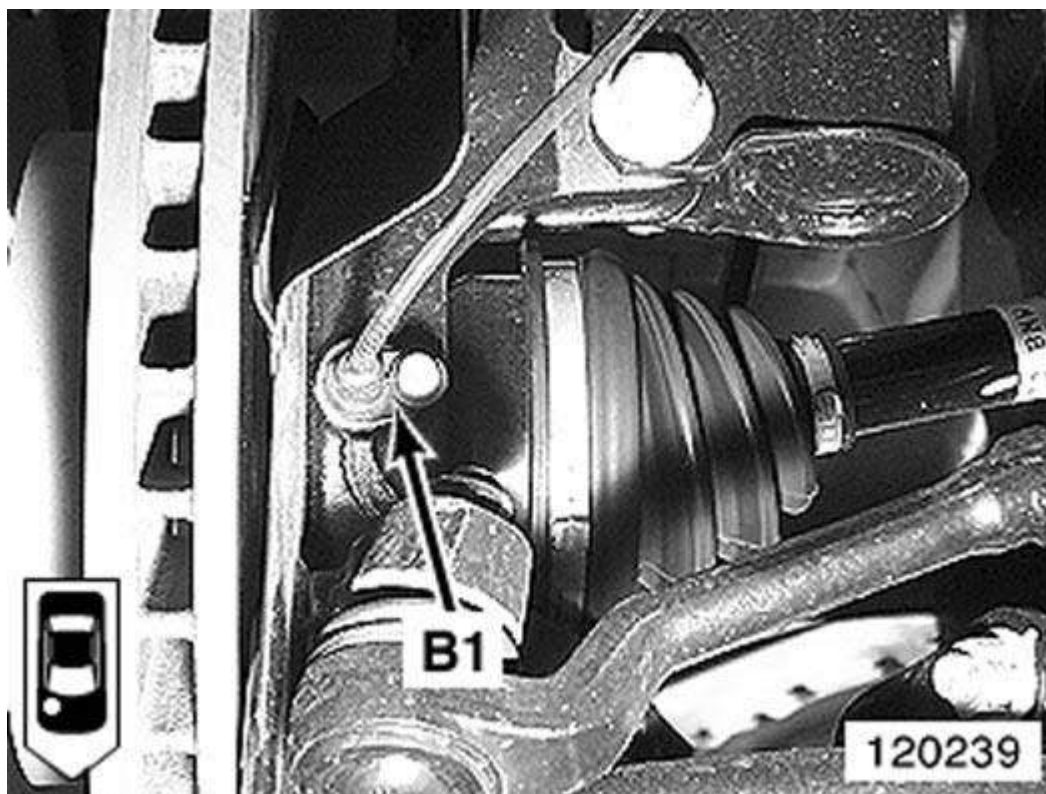
Fig. 25: Right Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 26: Below Left Rear Seat

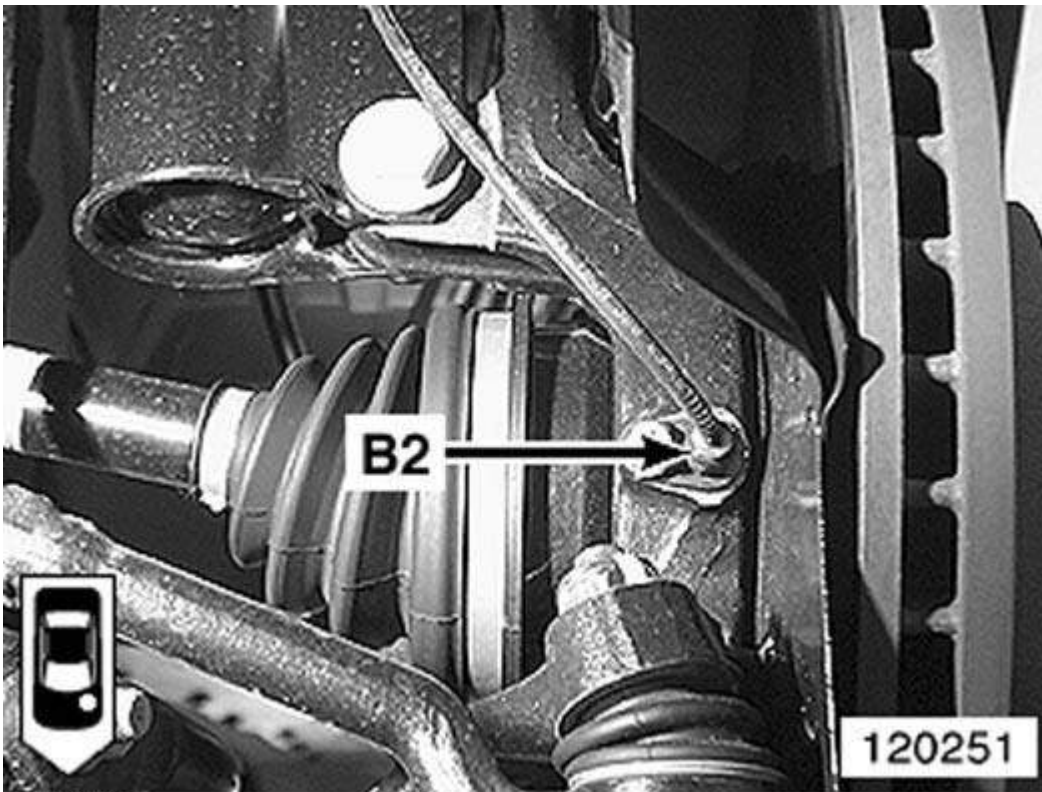
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 27: Right Front Wheel

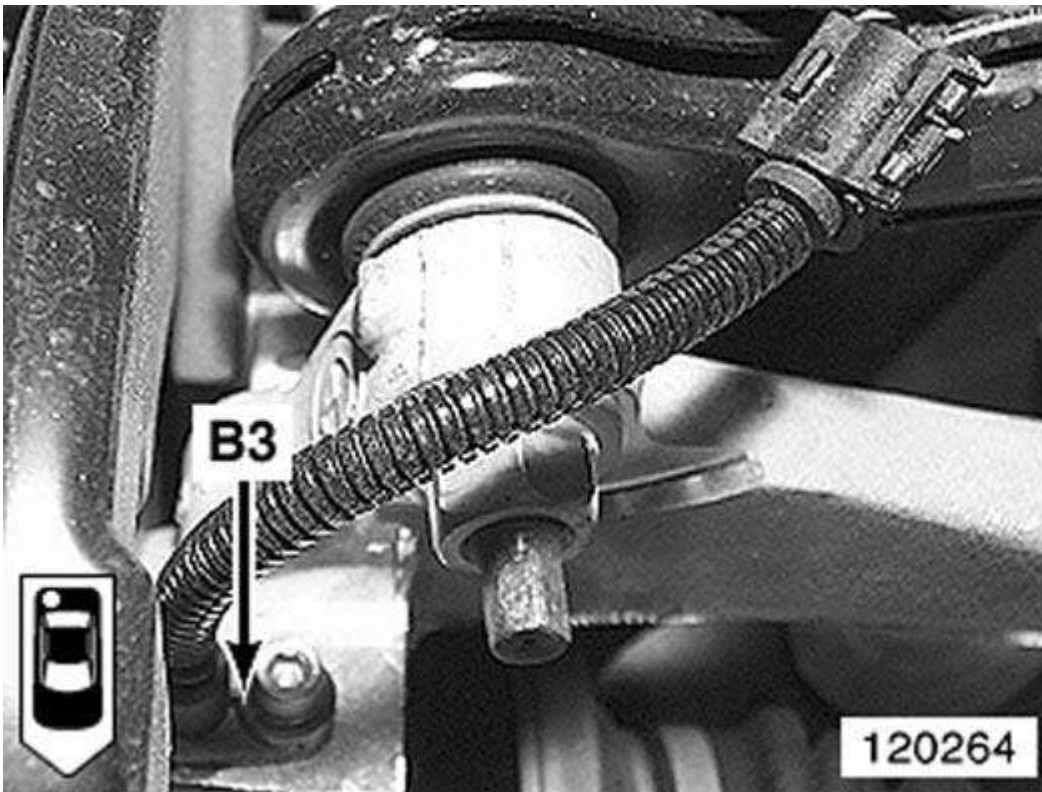
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 28: Left Front Wheel

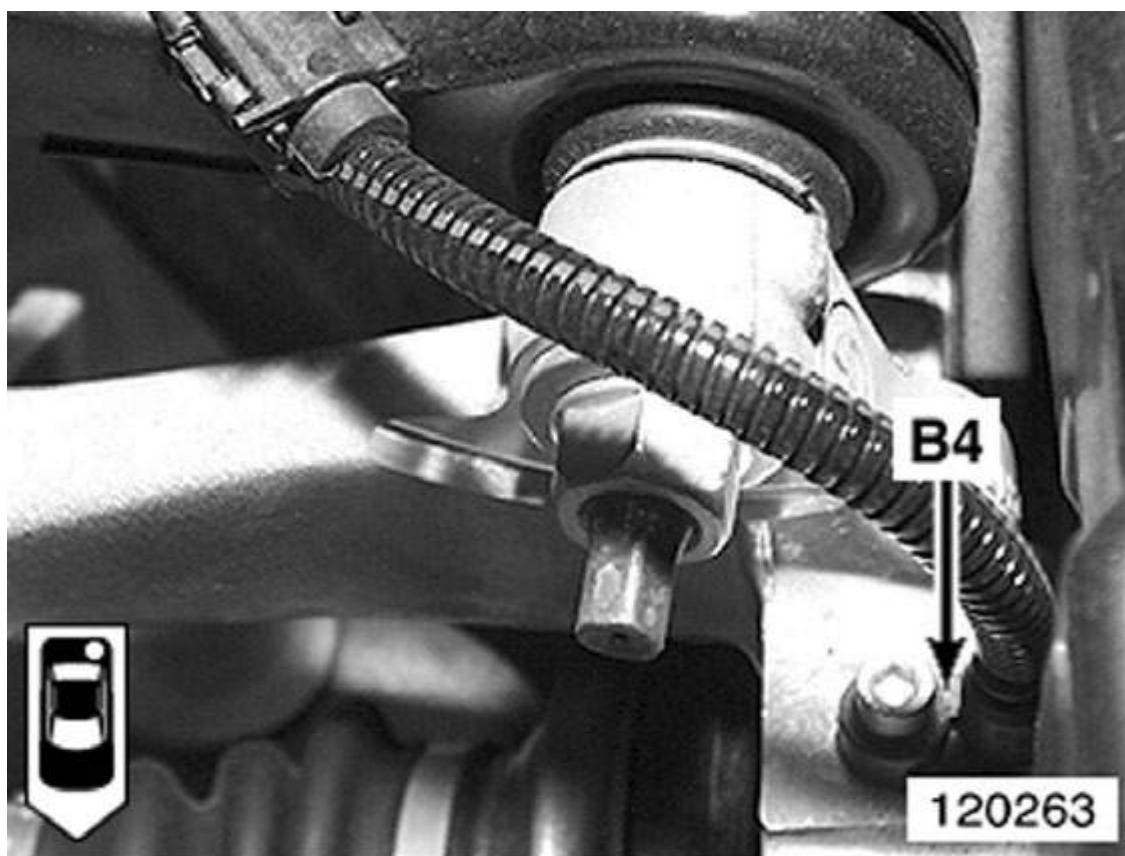
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 29: Right Rear Wheel

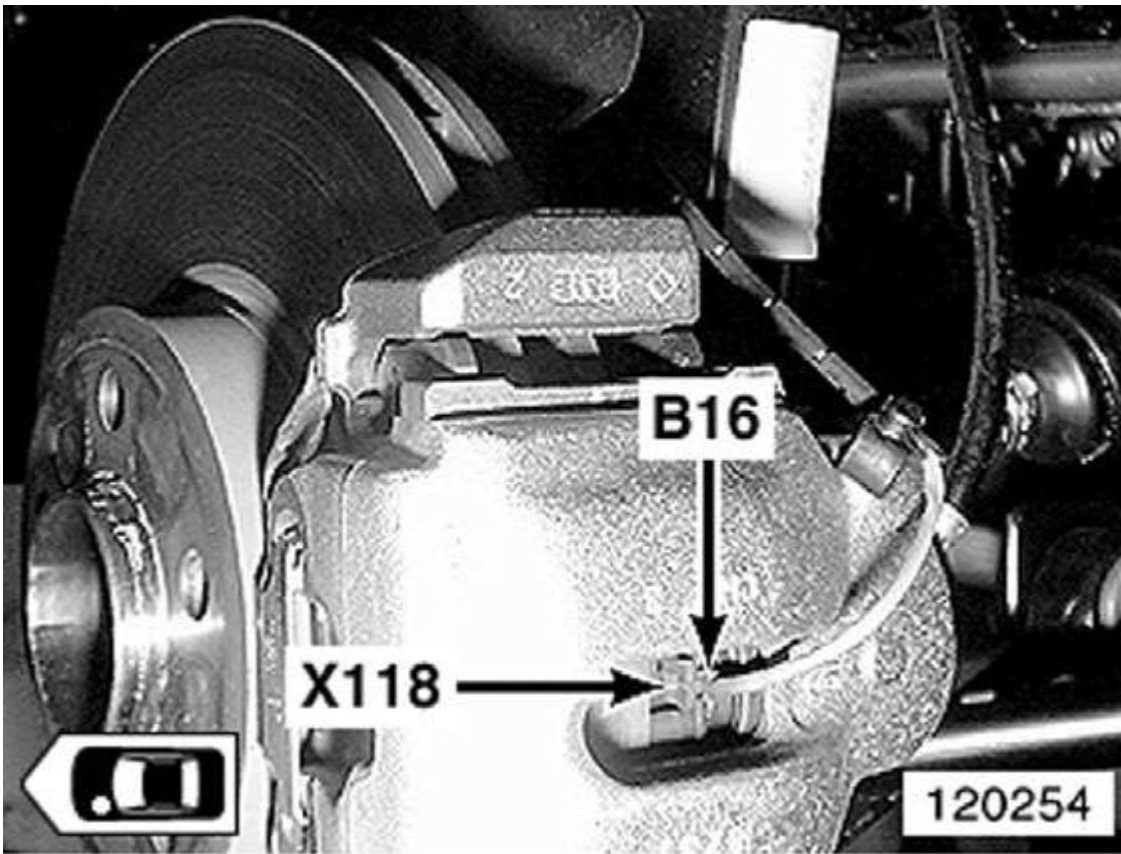
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 30: Left Rear Wheel

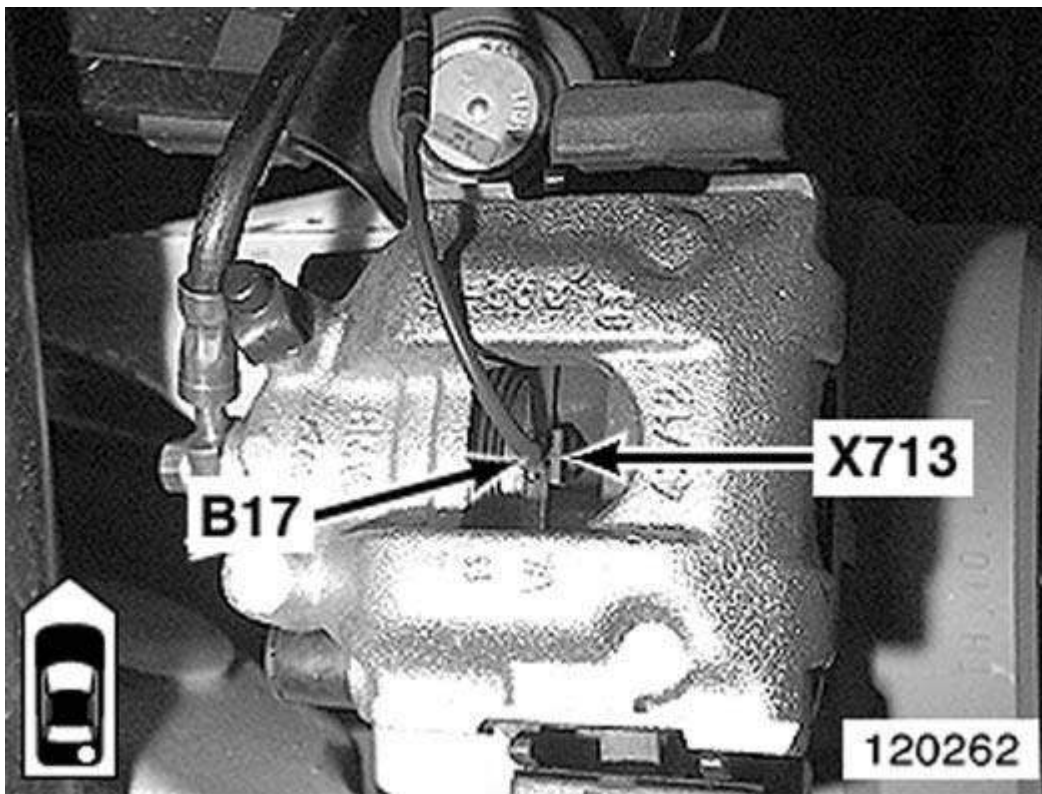
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 31: Left Front Brake Caliper

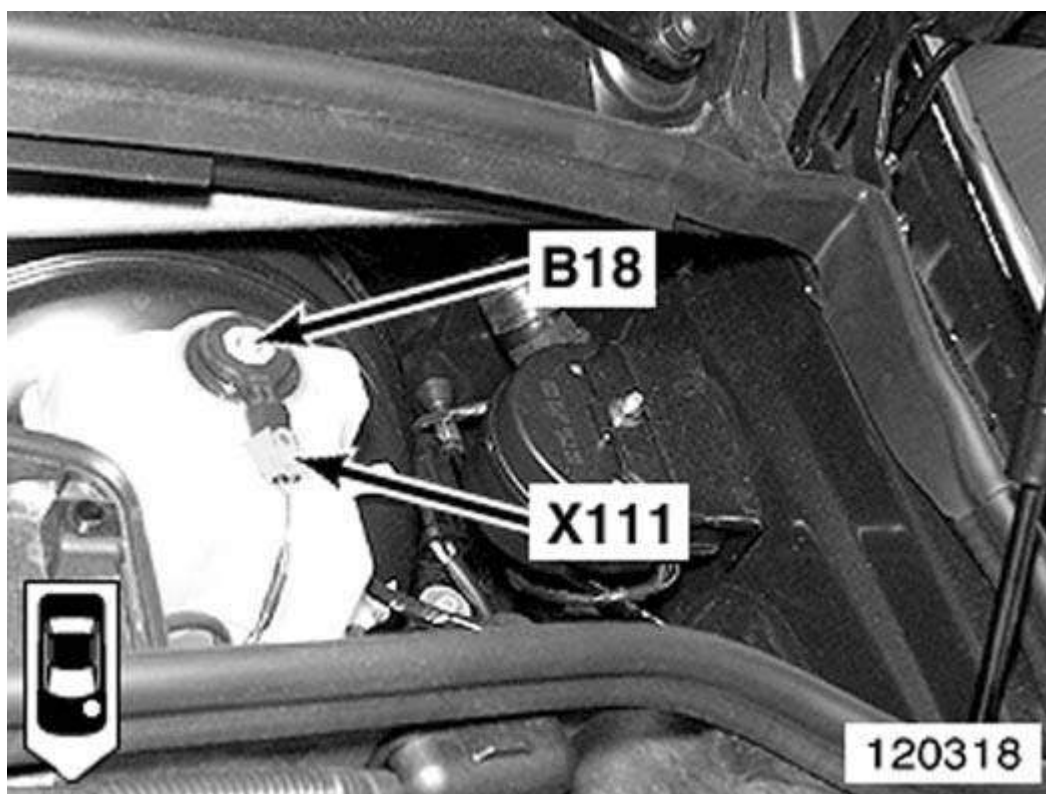
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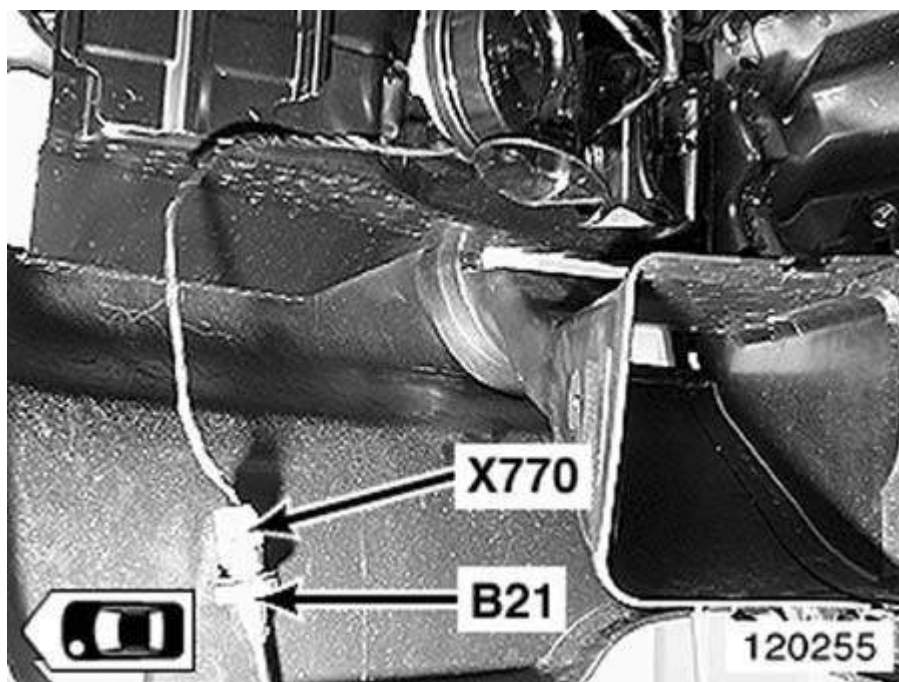
Fig. 32: Right Rear Brake Caliper

Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 33: Left Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 34: Under Left Front Bumper

Courtesy of BMW OF NORTH AMERICA, INC.

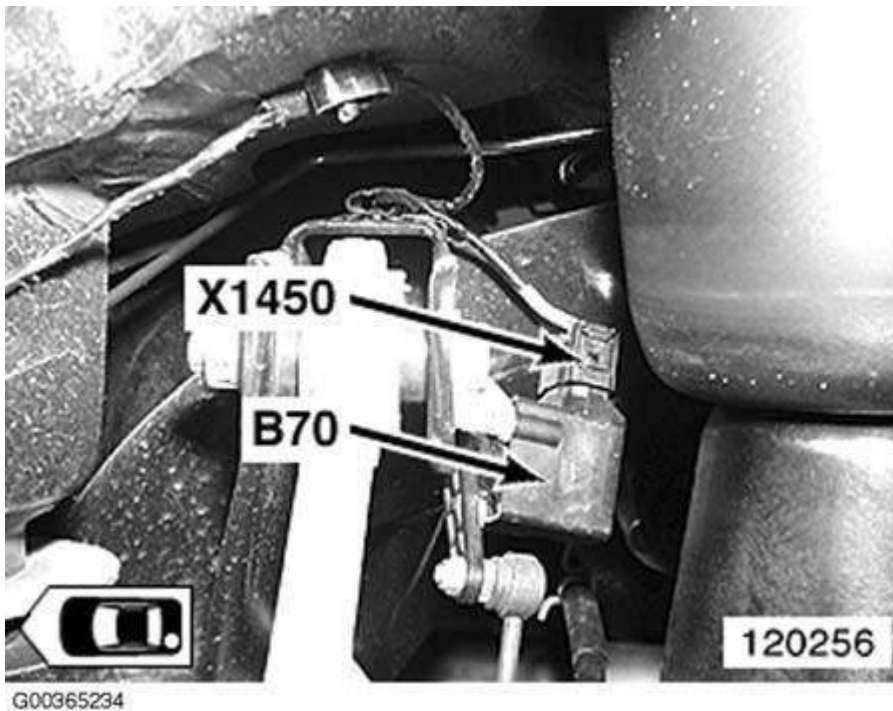
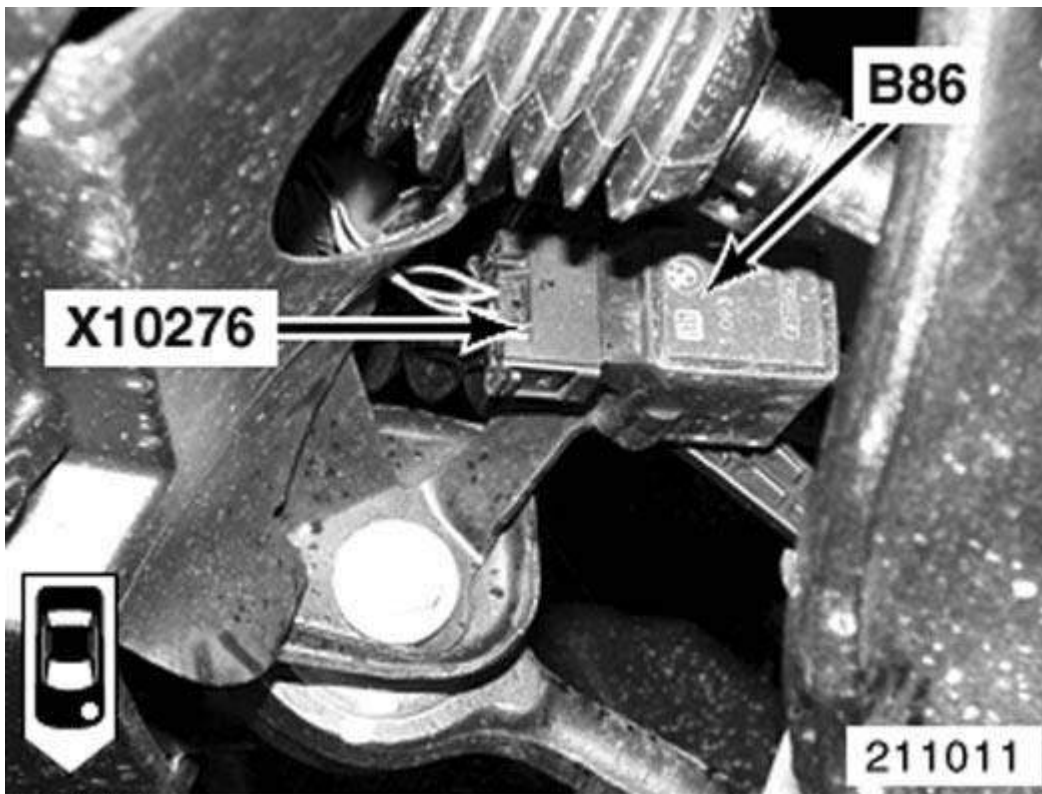


Fig. 35: Left Rear Control Arm

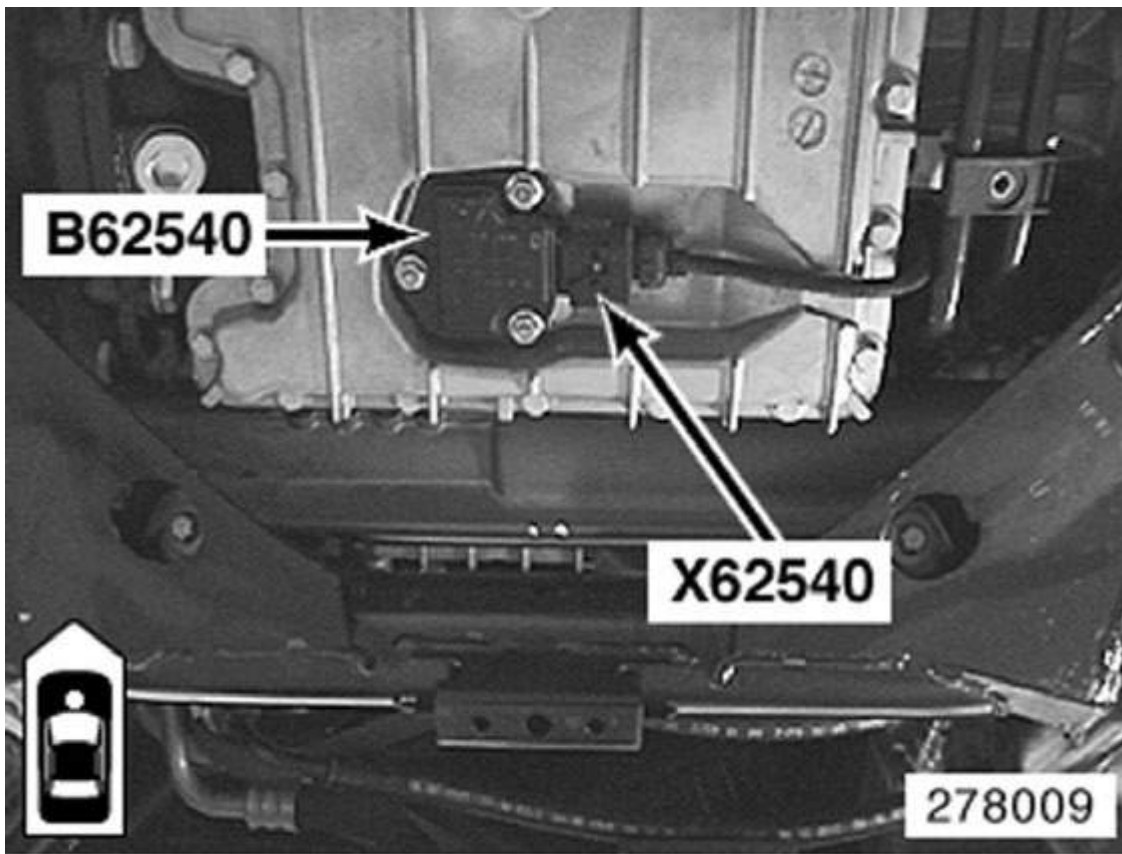
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 36: Left Front Control Arm

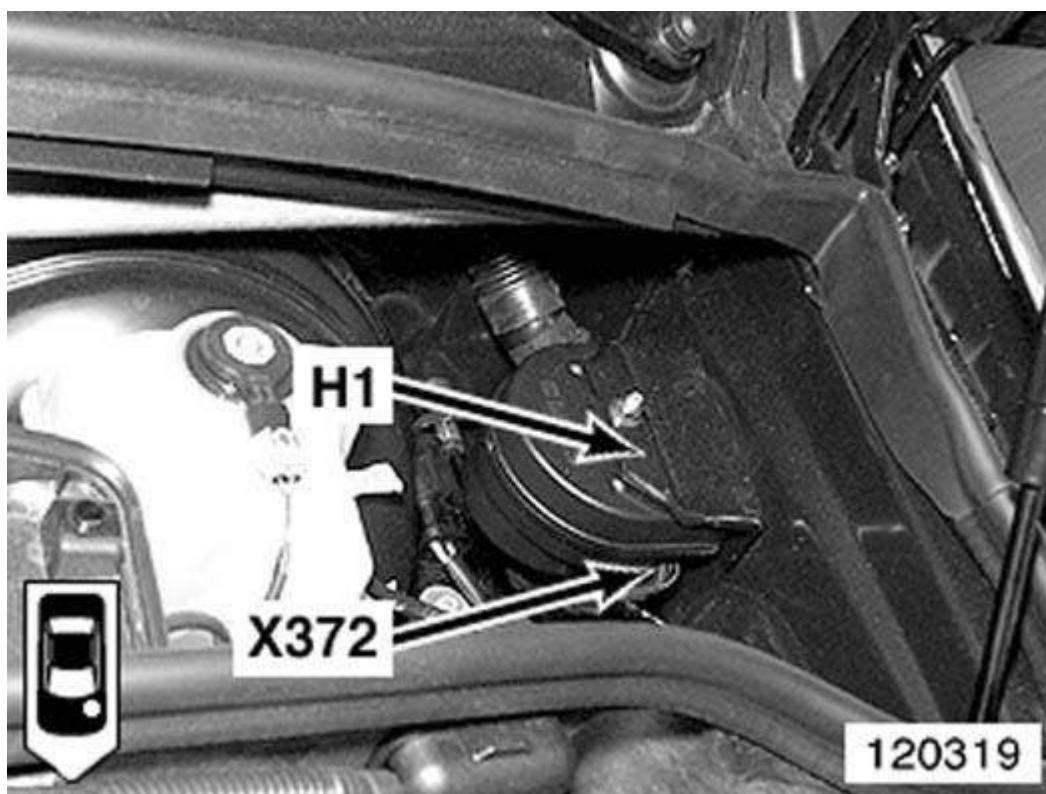
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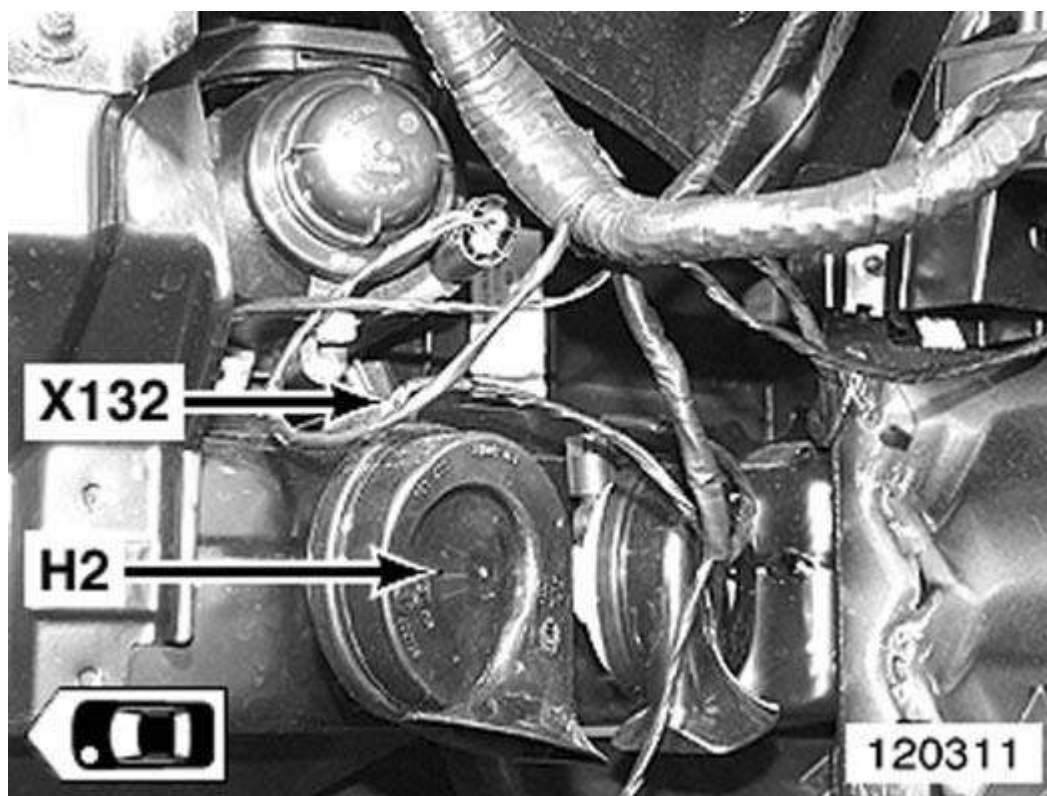
Fig. 37: Oil Pan

Courtesy of BMW OF NORTH AMERICA, INC.



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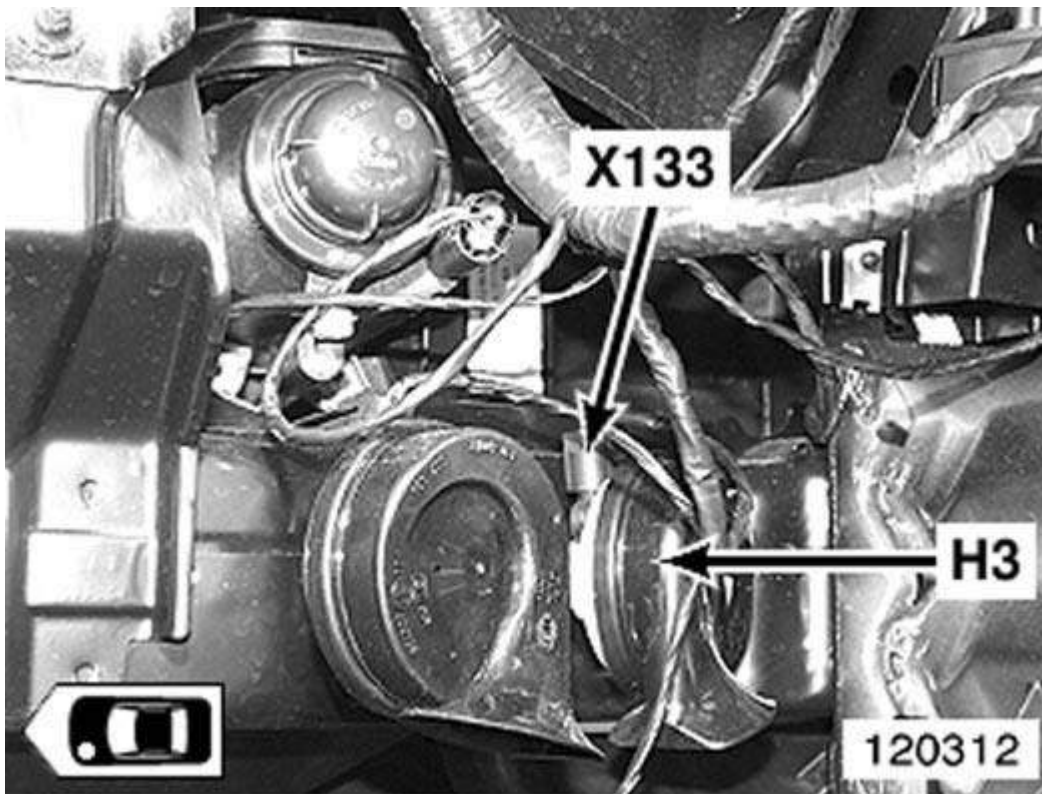
Fig. 38: Left Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 39: Left Front Wheelwell

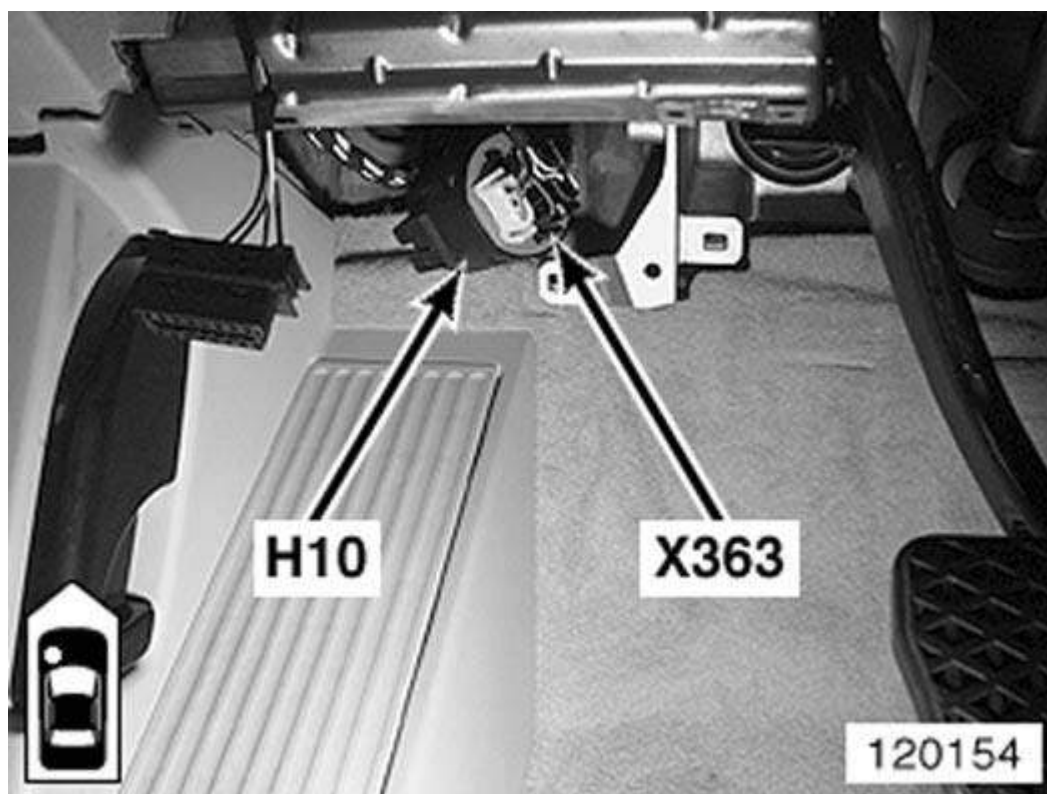
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 40: Left Front Wheelwell

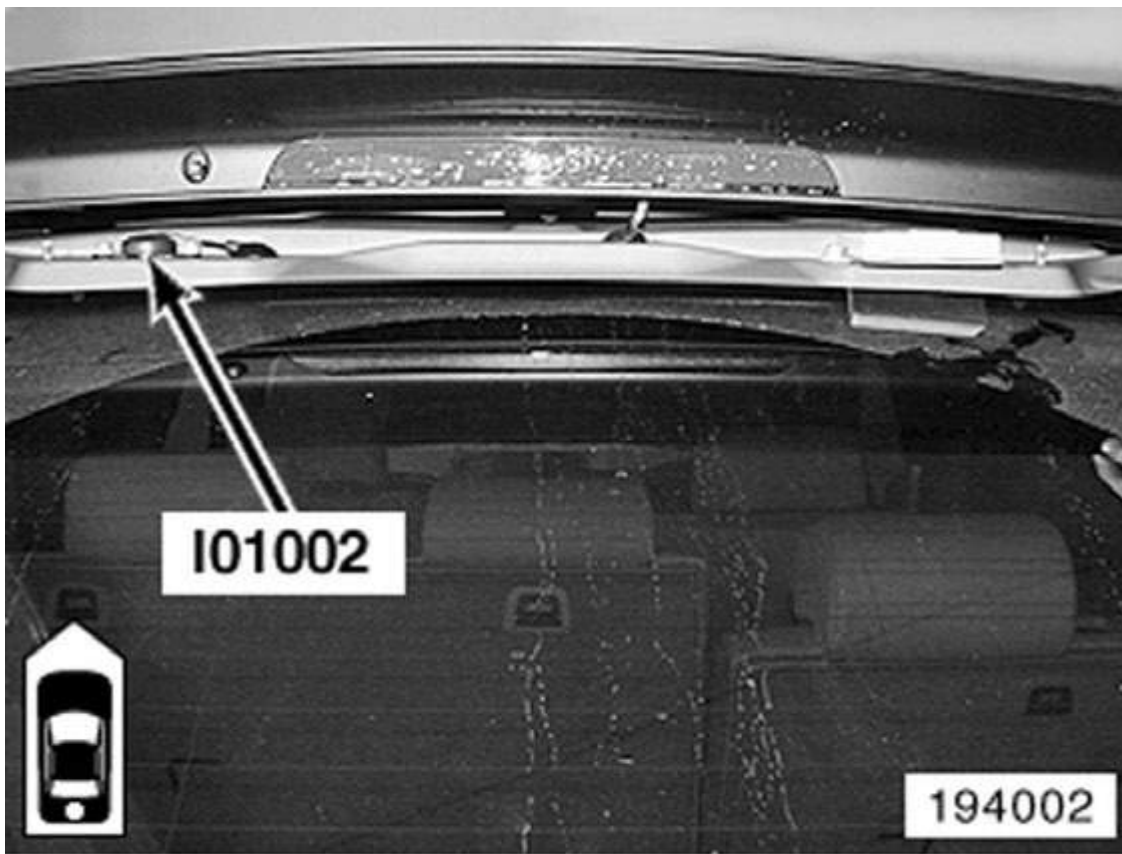
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Fig. 41: Left Side Of Dash

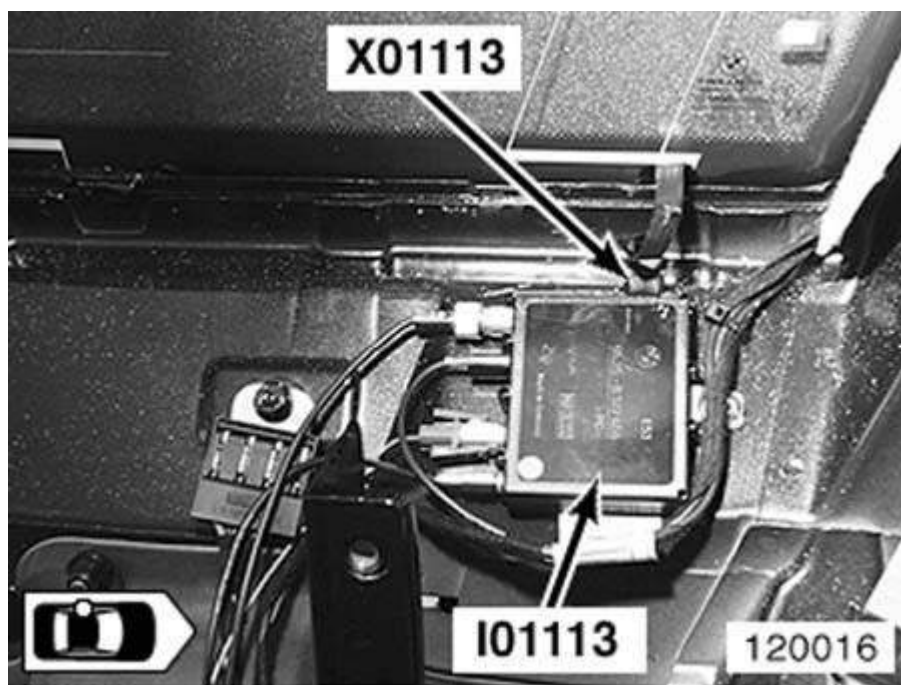
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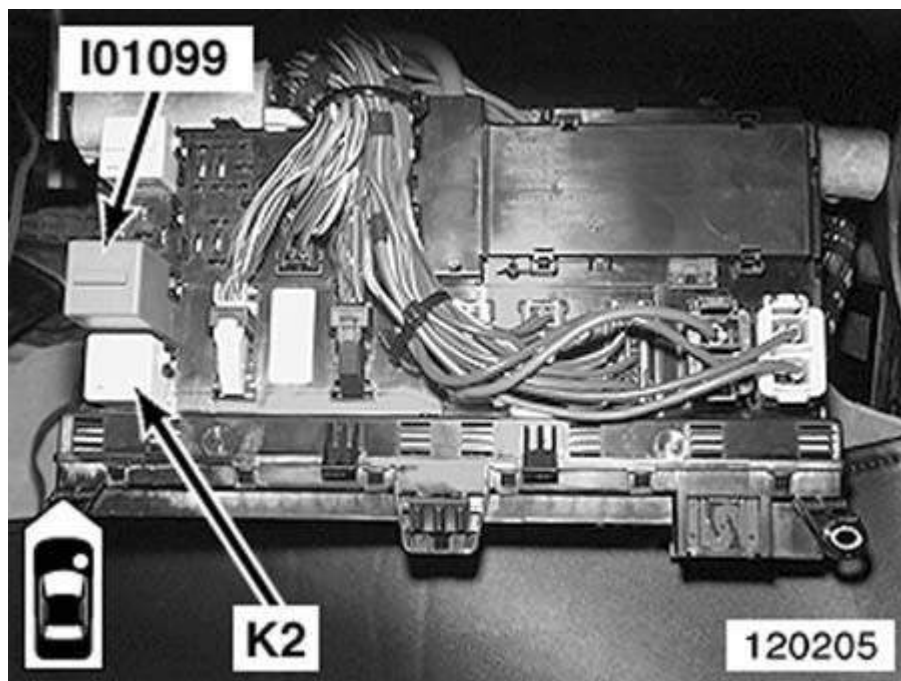
Fig. 42: Roof Spoiler

Courtesy of BMW OF NORTH AMERICA, INC.



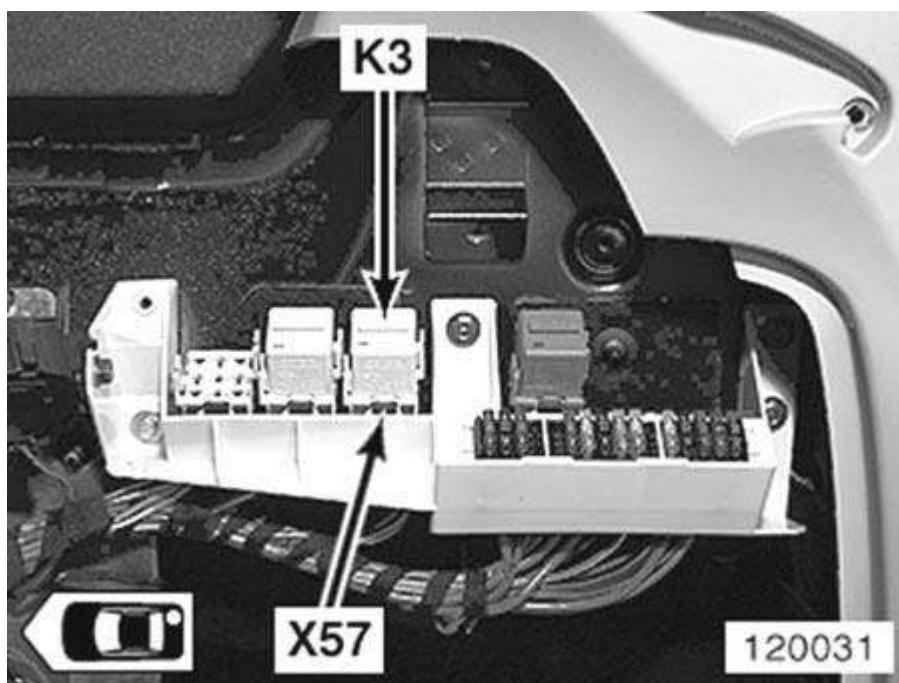
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Fig. 43: Left Rear Of Passenger Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



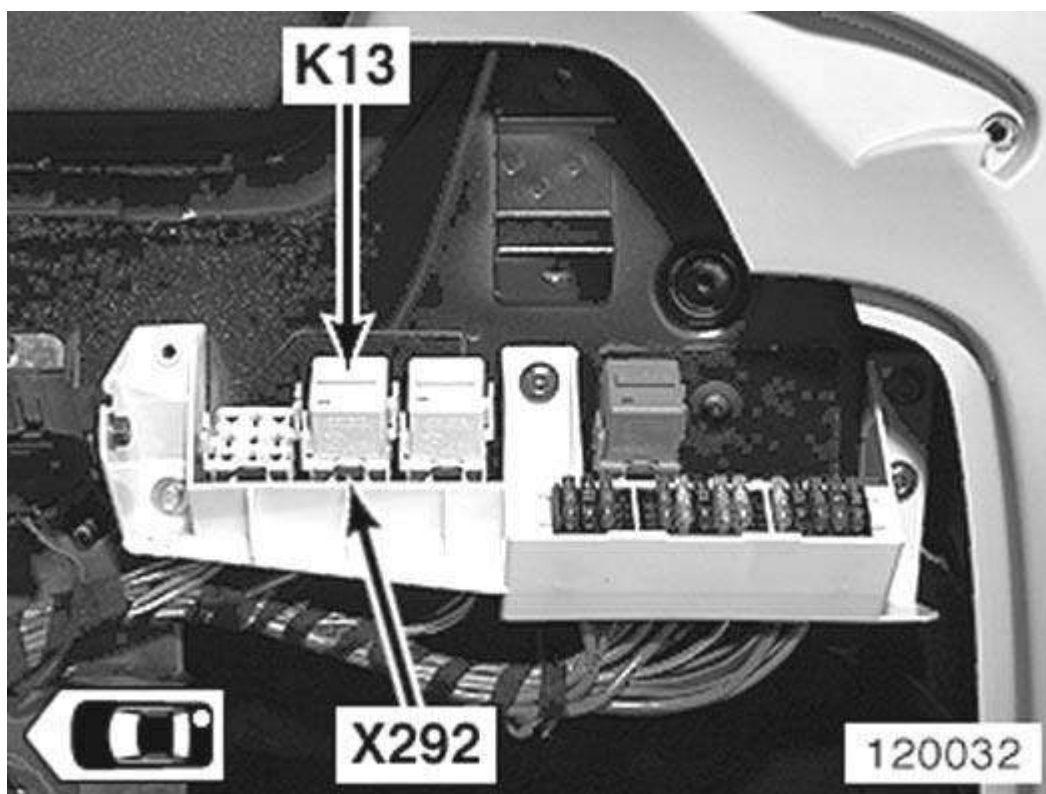
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Fig. 44: Behind Glove Box
Courtesy of BMW OF NORTH AMERICA, INC.



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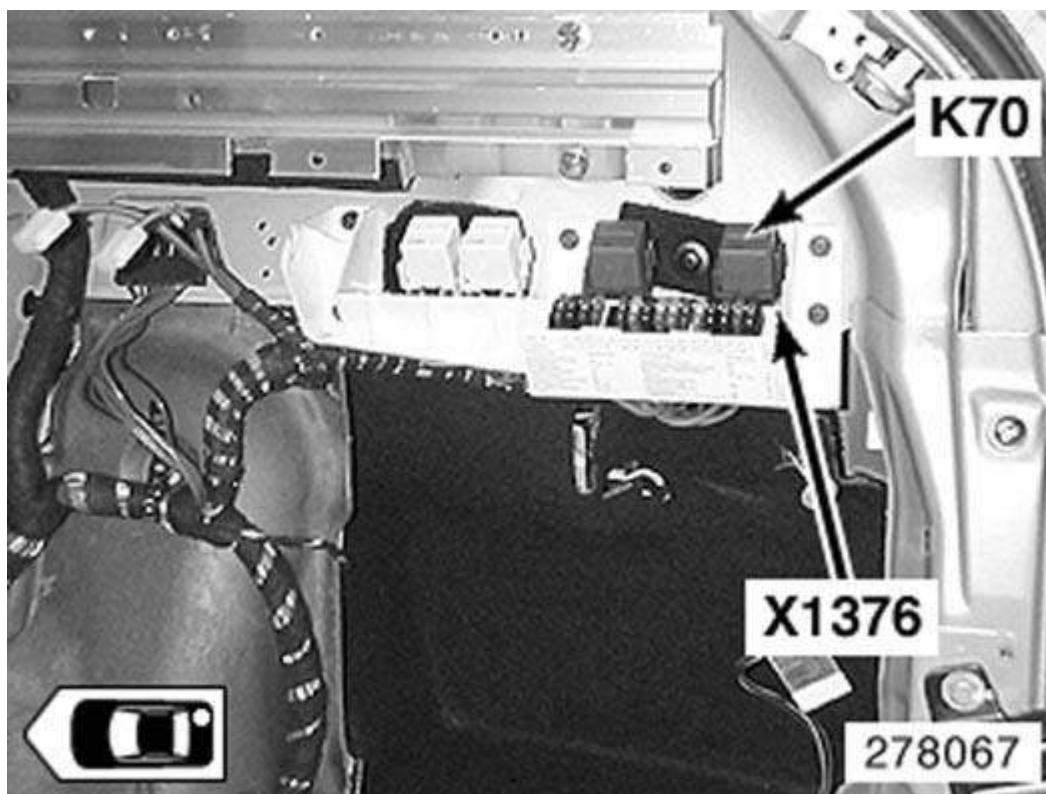
Fig. 45: Right Rear Of Luggage Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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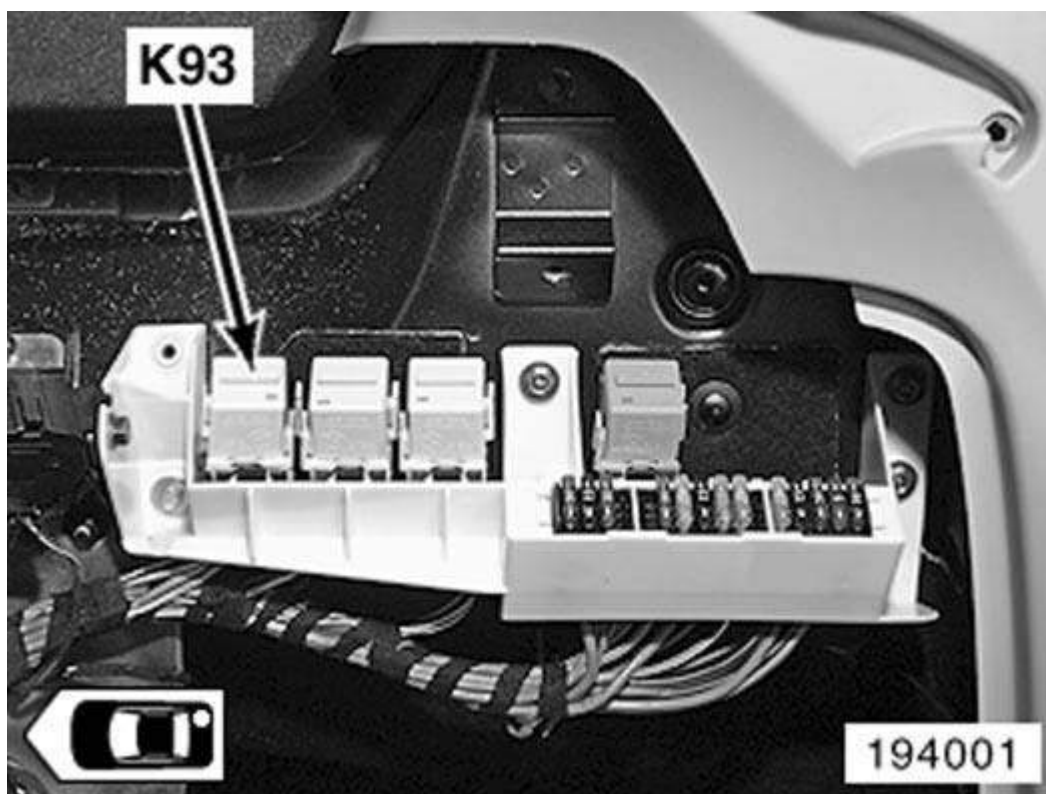
Fig. 46: Right Rear Of Luggage Compartment

Courtesy of BMW OF NORTH AMERICA, INC.



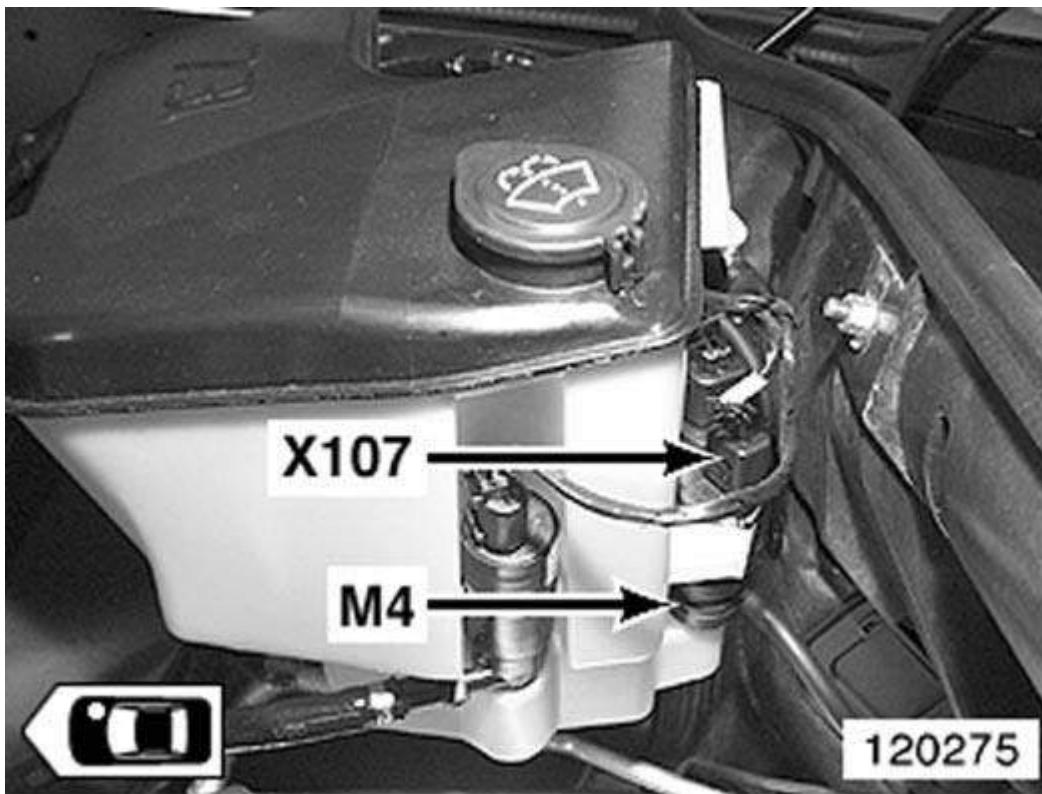
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Fig. 47: Right Rear Of Luggage Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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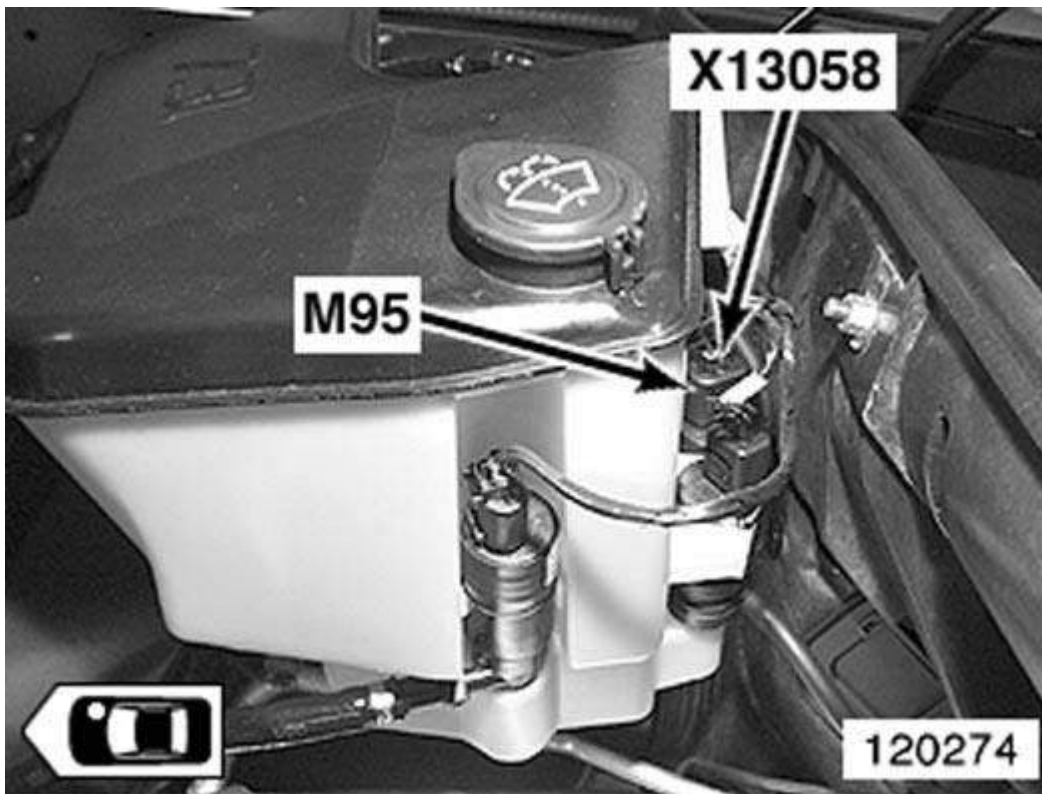
Fig. 48: Right Rear Of Luggage Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 49: Washer Reservoir

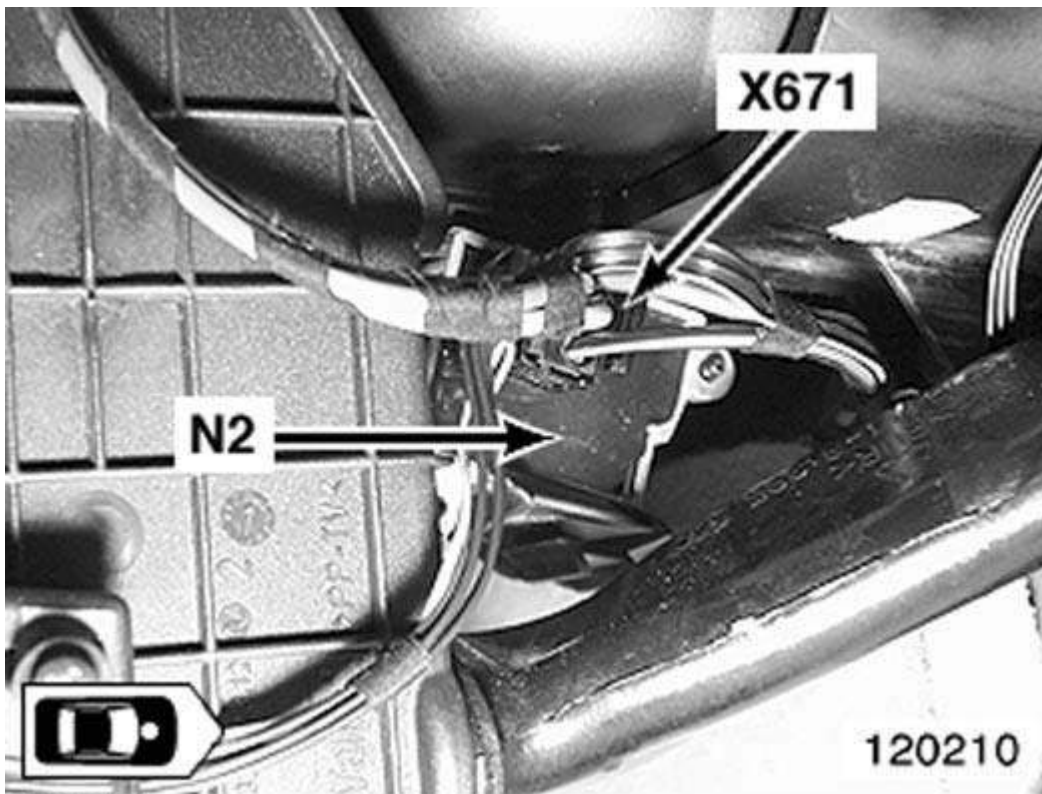
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 50: Washer Reservoir

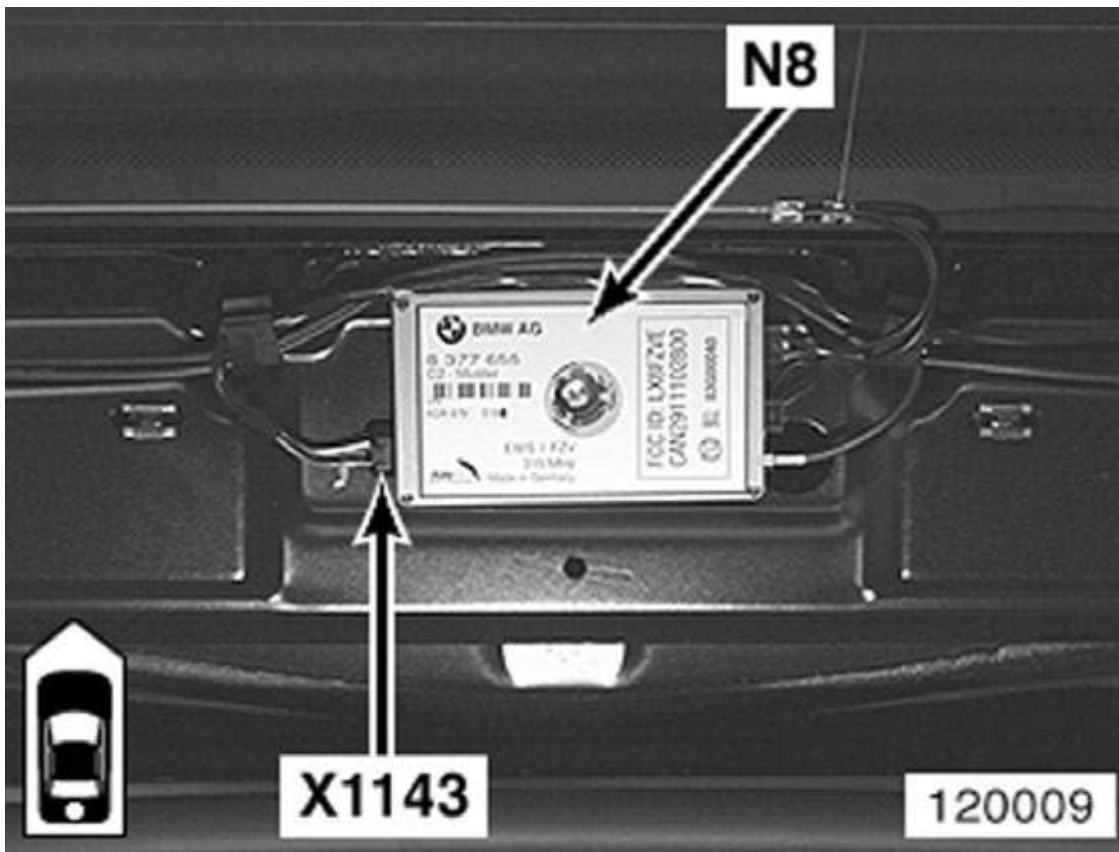
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 51: Behind Center Of Dash

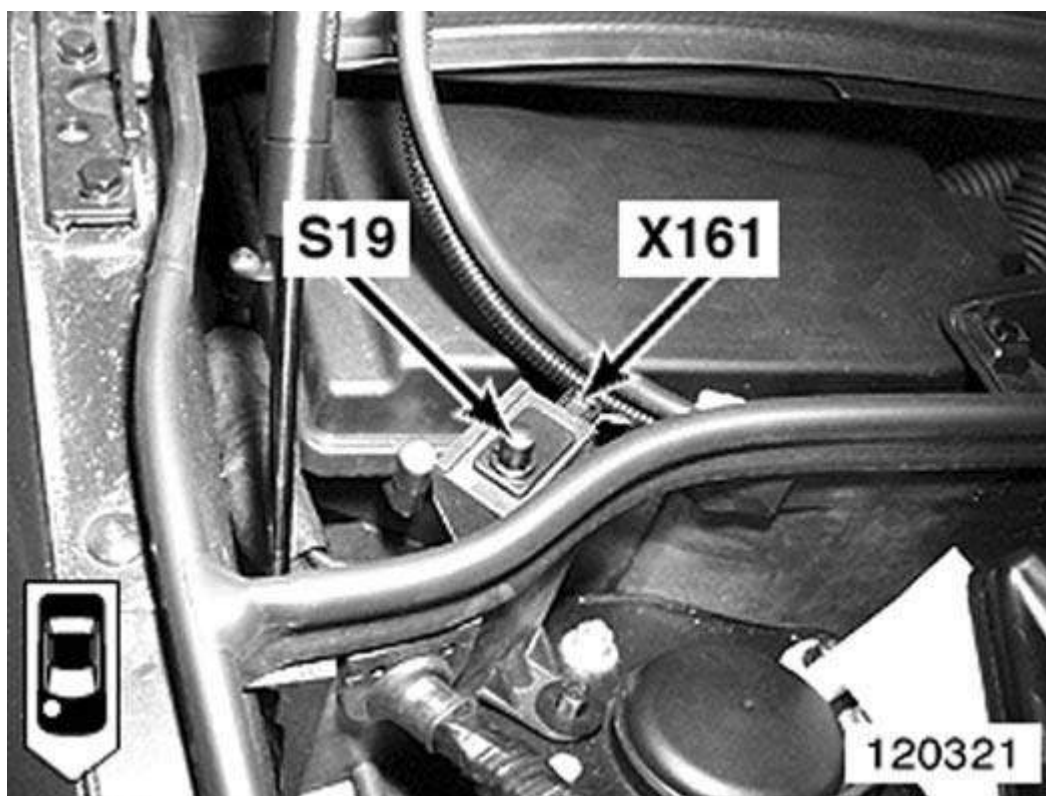
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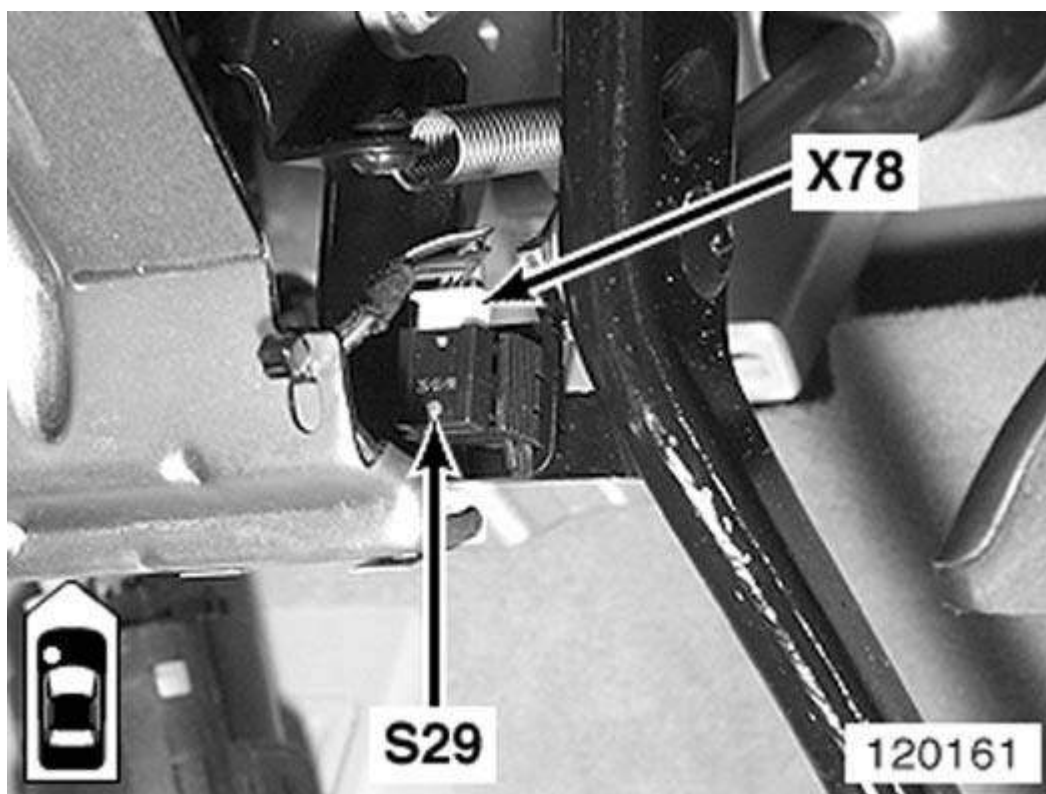
Fig. 52: Top Center Of Tailgate

Courtesy of BMW OF NORTH AMERICA, INC.



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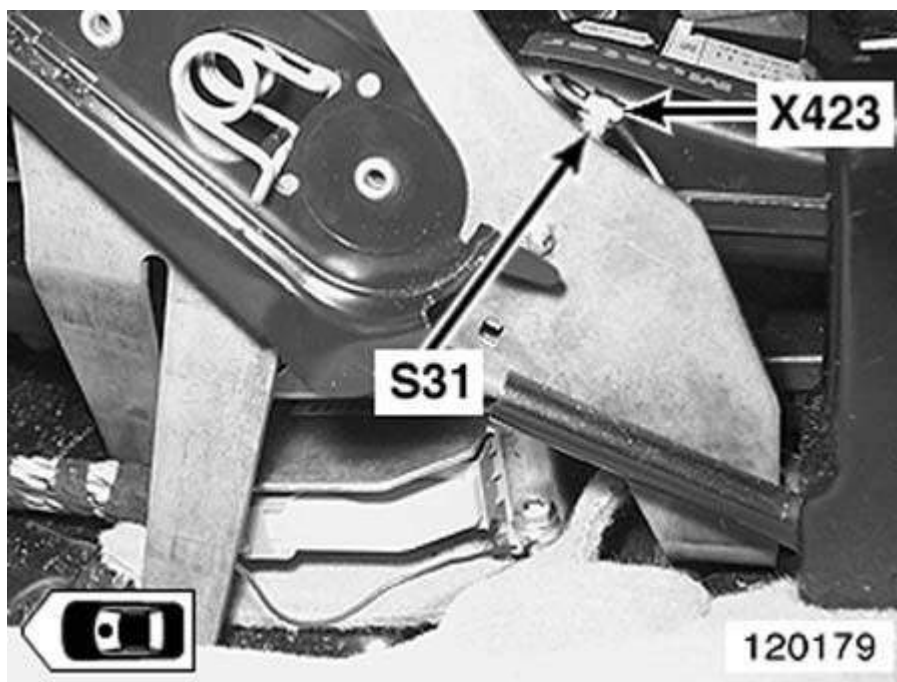
Fig. 53: Right Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 54: Under Left Side Of Dash

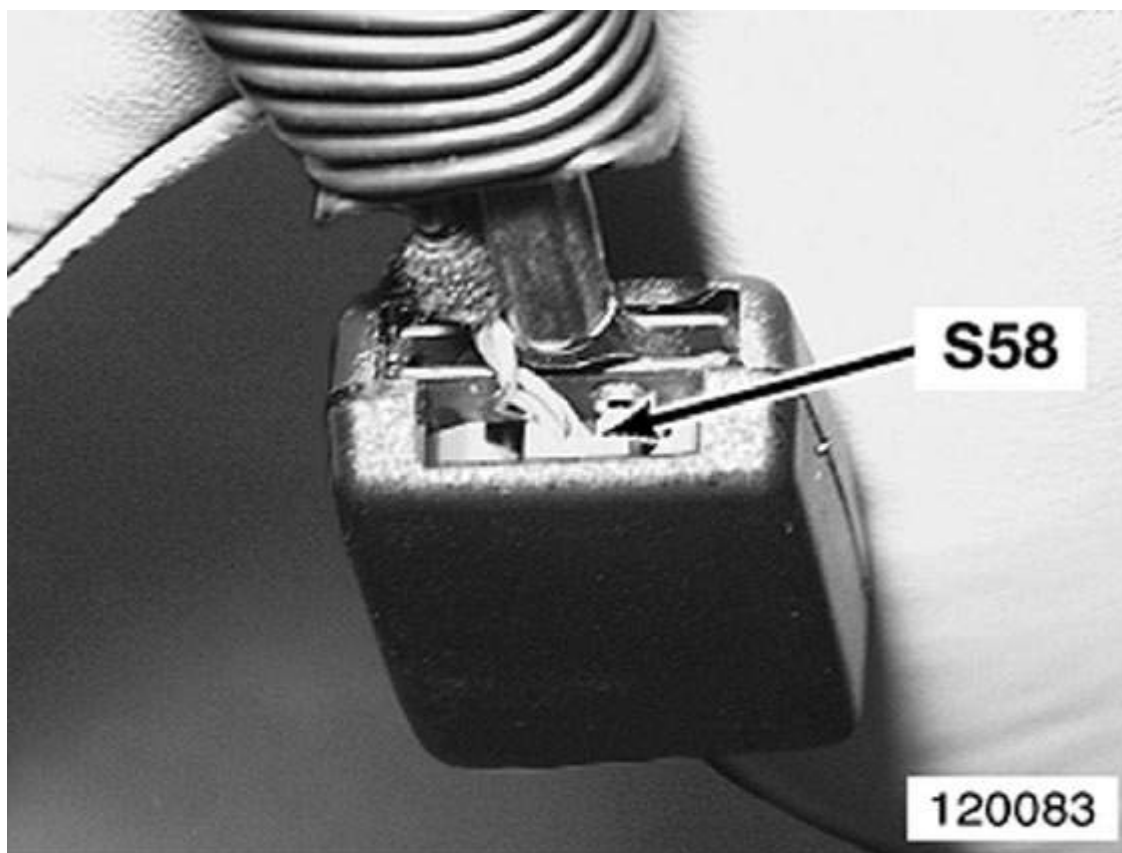
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 55: Below Center Console

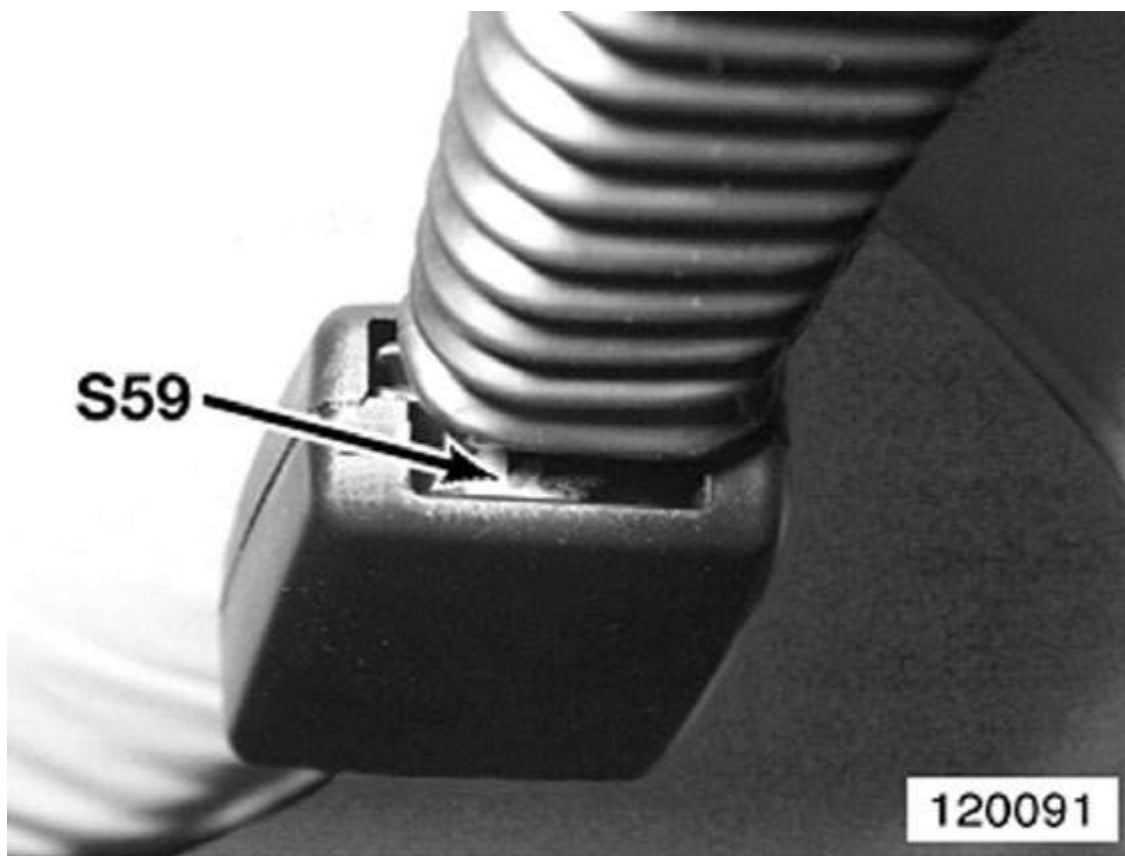
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 56: Right Side Of Driver's Seat

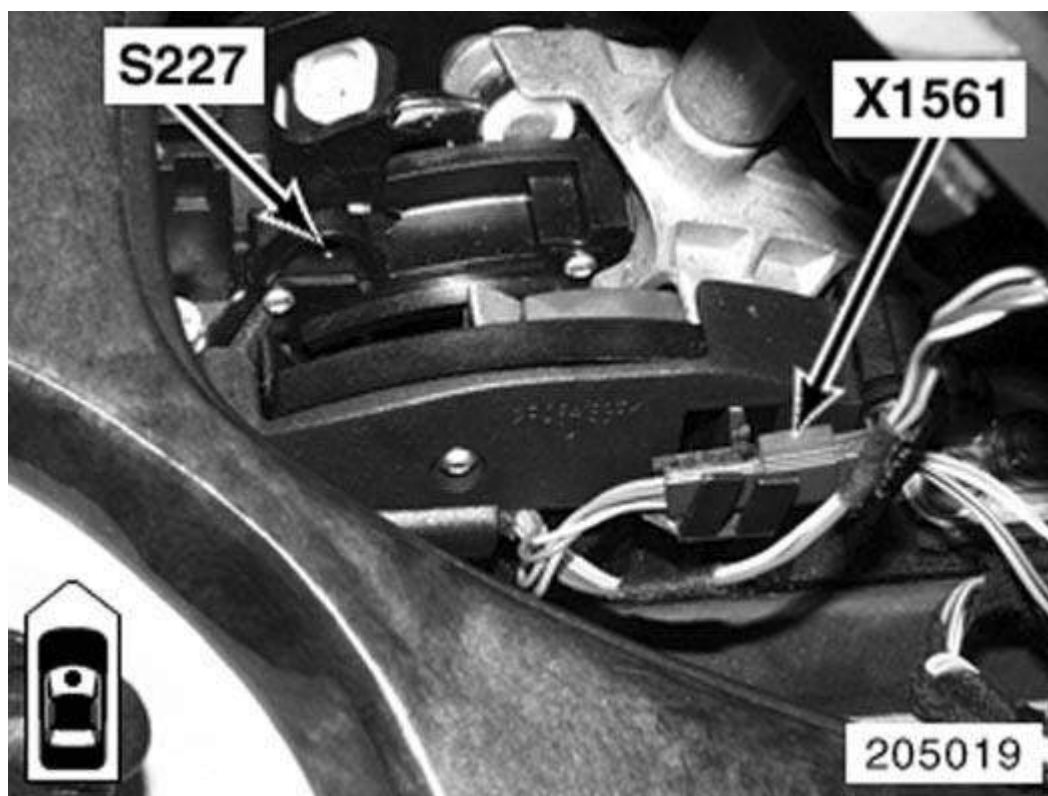
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 57: Left Side Of Passenger's Seat

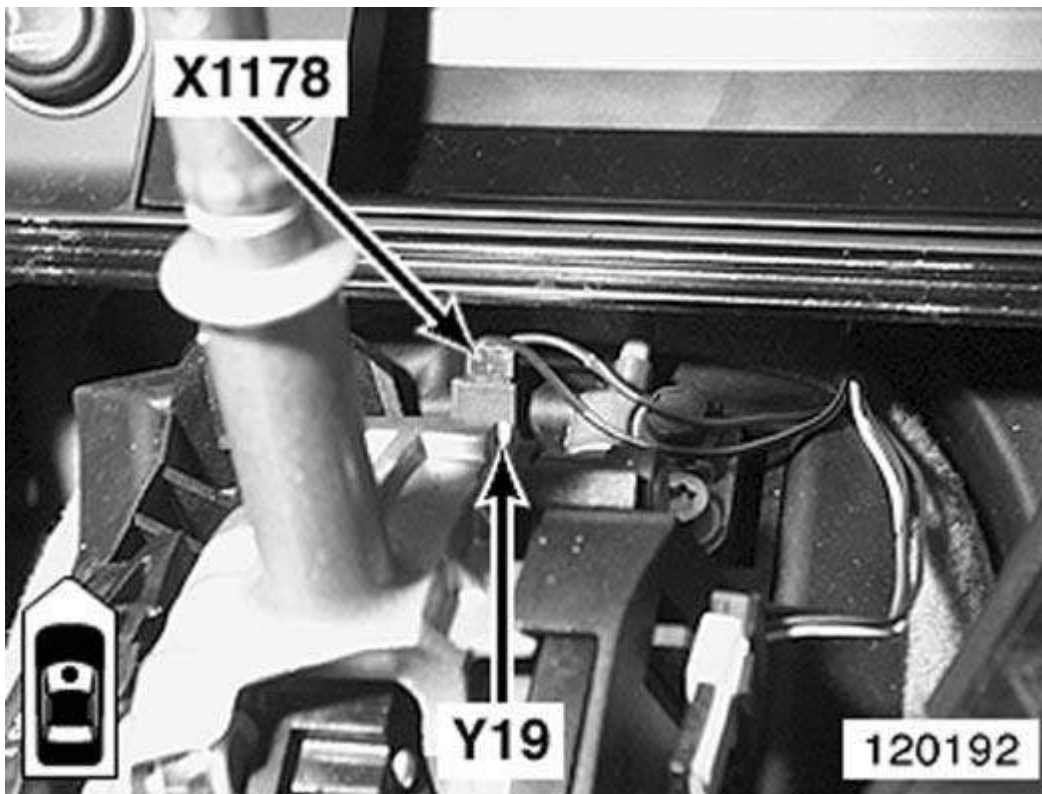
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 58: Under Selector Lever Cover

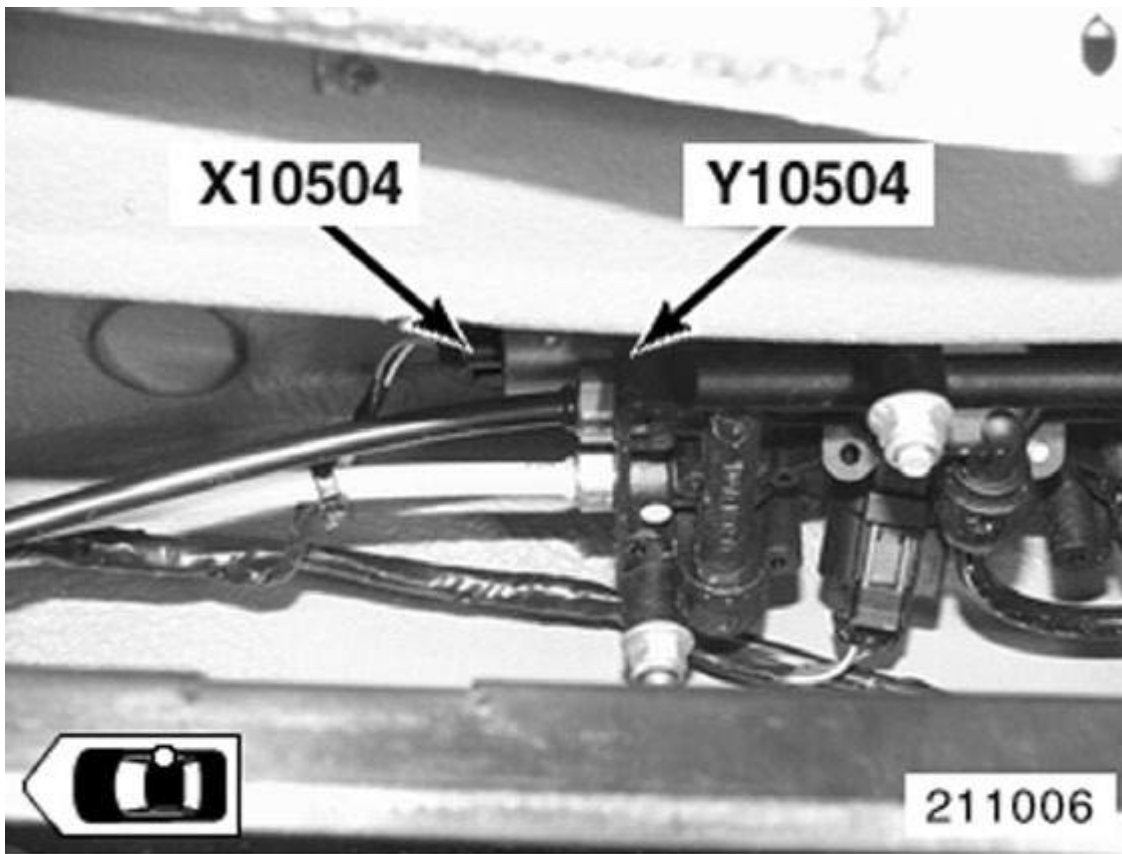
Courtesy of BMW OF NORTH AMERICA, INC.



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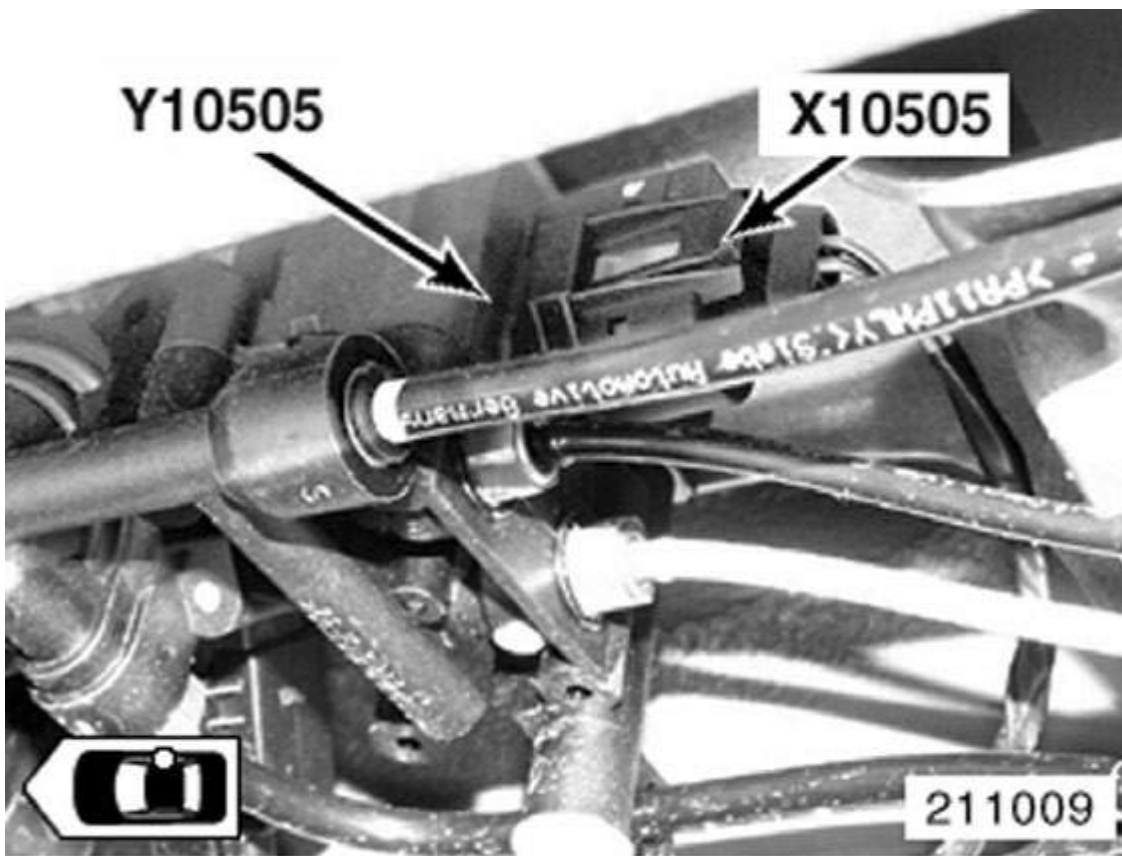
Fig. 59: Center Console

Courtesy of BMW OF NORTH AMERICA, INC.



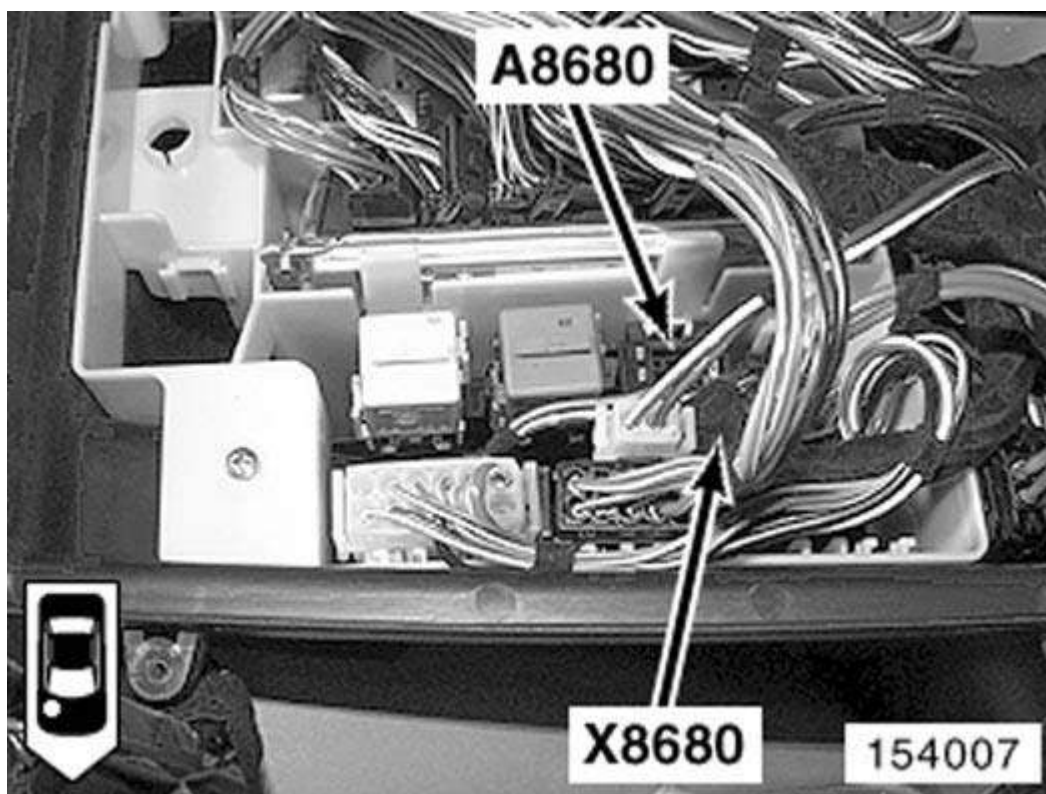
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Fig. 60: Under Right Front Center Of Vehicle
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 61: Under Right Rear Center Of Vehicle
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 62: Right Rear Of Engine Compartment
Courtesy of BMW OF NORTH AMERICA, INC.