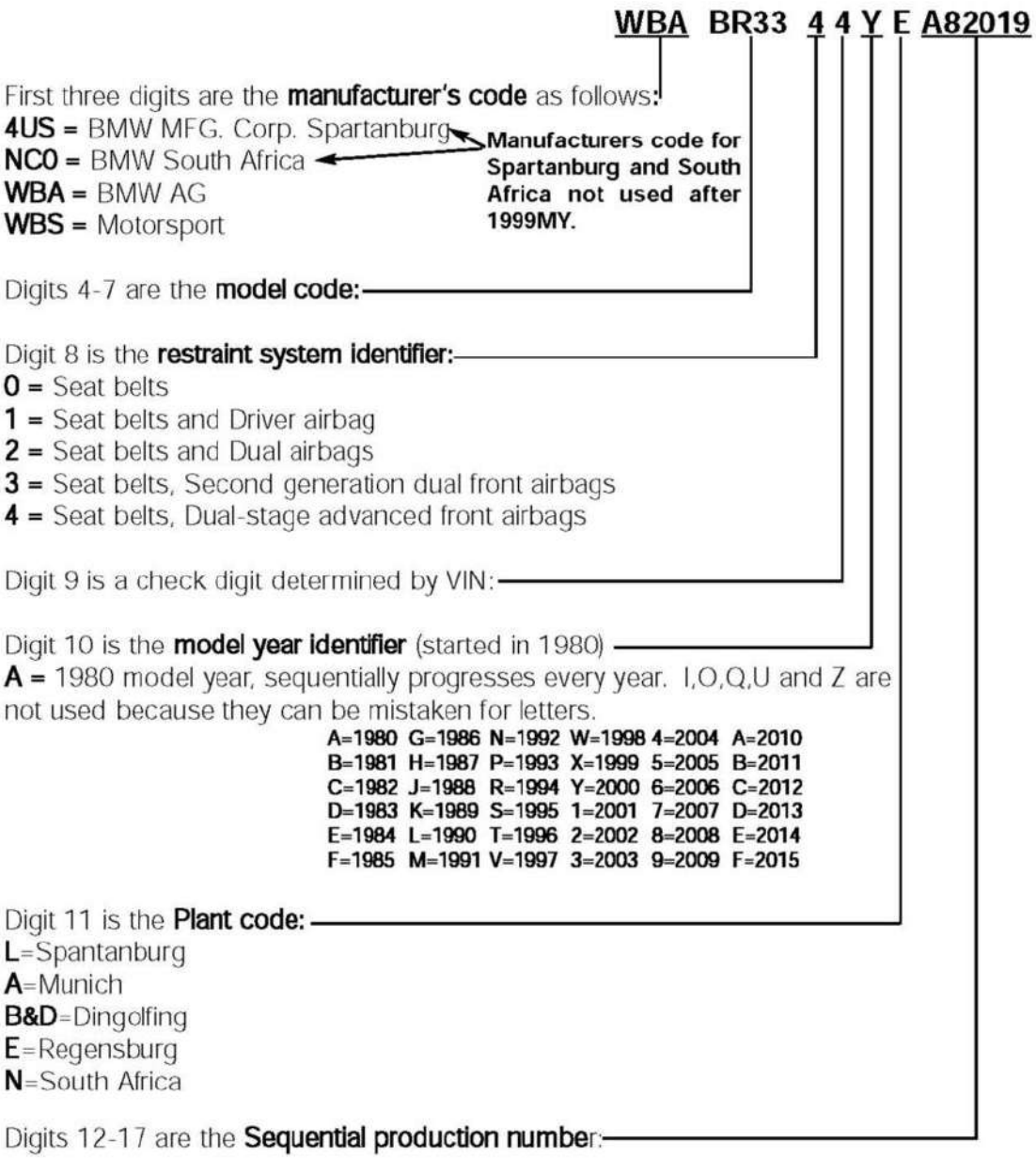
Vehicle: Application and ID

Vehicle Identification Numbers

Vehicle Identification Numbers are referred to as the VIN. BMW utilizes a VIN with a 17 character structure. The characters are grouped to included multiple information as follows:



Vehicle Identification Number

VIN Location On Vehicle

The VIN is located on the vehicle in the following locations:

- In the left lower corner of the dashplate. This can be viewed through the windshield from outside of the car.
- "B" pillar compliance label. On the driver's side door jamb.

Additionally the VIN is stamped into the body in one of the two locations below.

- Under hood on engine compartment bulkhead.
- Under hood on passenger side shock tower.

Vehicle Production Dates

Engine: Procedures

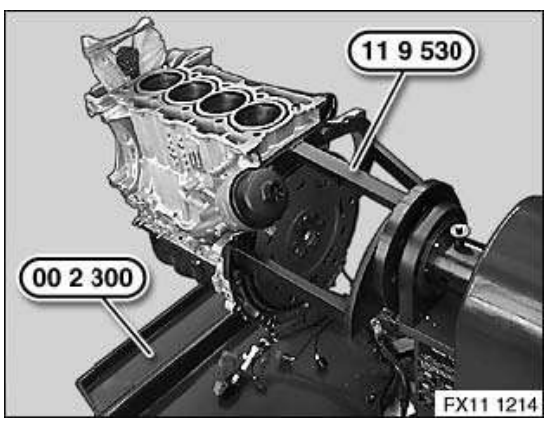
Mounting Engine on Assembly Stand

Mounting engine on assembly stand (N14)

Special tools required:
^ 00 2 300
^ 11 9 530

Necessary preliminary tasks:
^ Remove engine.

Bolt engine or engine block to special tool 11 9 530.
Mount engine with special tool 11 9 530 on special tool 00 2 300.



11 00 670 Securing Engine In Installation Position

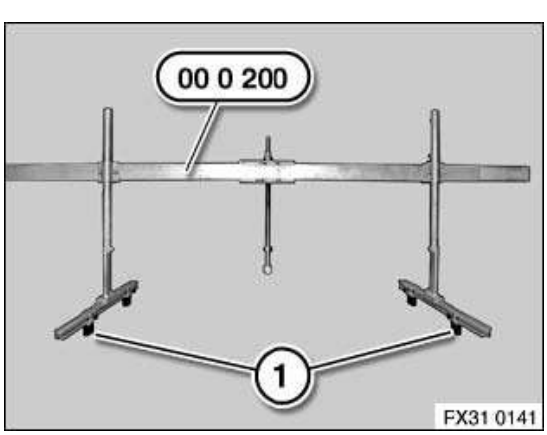
11 00 670 Securing engine in installation position (N12, N14)

Special tools required:
^ 00 0 200
^ 00 0 202
^ 00 0 204
^ 00 0 208
^ 00 0 490

Warning:
Risk of injury!
Observe following instructions relating to special tool:

1. Prior to each use, check the special tools for defects, modifications and operational reliability.
2. Damaged/modified special tools must not be used!
3. No changes or modifications may be made to the special tools!
4. Keep special tools dry, clean and free of grease.

Assemble cross member 00 0 200 with special tools 00 0 202, 00 0 204, 00 0 208.
Modification:
Remove front supports (1).



Powertrain Management: Description and Operation
Power Management

Power Management

Reduction or shutdown of individual current consumers

The power management a subsystem of the energy management. The power management is run from the engine control module (DME or DDE: digital engine electronics or digital diesel electronics). See also functional description or SBT 'Power supply'.

A function of the Advanced Power Management (APM) is the shutdown of individual consumer units or the reduction of power intake. The APM is only implemented in vehicles with the intelligent battery sensor.

System functions

The following system functions are described for power management ("Advanced Power Management"):
- Reduction or shutdown of individual current consumers.

Reduction or shutdown of individual current consumers

The cutoff of individual consumer units or reduction of the power consumption lowers the power consumption in critical situations. This prevents the battery from discharging.

IMPORTANT: When the shutdown of individual consumer units or the reduction of power consumption is activated, the displays remains active (LEDs remain lit).

With the engine running
With the engine running, the shutdown of individual consumer units or reduction in the power consumption is only activated under 2 conditions:
- Battery charge state in the critical range
- Alternator subjected to full load

The following measures are performed in sequence under the preconditions described:

Function	Operation	Control module (depending on model series and variant)
Rear-window defroster (demister)	Cyclic switching	IHR, IHS, IHKR, IHKS or IHKA
Seat heating	Stage 2	Seat module or JBE
Seat heating	50 %	Seat module or JBE
Active Seat	AUS	Seat module
Heater fan	75 %	IHR, IHS, IHKR, IHKS or IHKA
Heater fan	50 %	IHR, IHS, IHKR, IHKS or IHKA
Mirror heating and washer-nozzle heating	AUS	Door module, KGM, JBE or FRM
Rear-window defroster (demister)	AUS	IHR, IHS, IHKR, IHKS or IHKA
Seat heating	AUS	Seat module or JBE
Active seat ventilation	AUS	Seat module
Heater fan	AUS	IHR, IHS, IHKR, IHKS or IHKA

When the battery charge state moves out of the critical range, the functions are then 100 % available.
With the engine off and ignition switched on
With the engine off and ignition switched on, the shutdown of individual consumer units or reduction in the power consumption is only activated in the following model series and variants:
- E81, E82, E87, E90, E91, E92, E93: vehicles with N43 petrol engine and vehicle with N47 diesel engine and manual transmission.
- R55, R56: vehicles with manual transmission as of model year 08/2007.

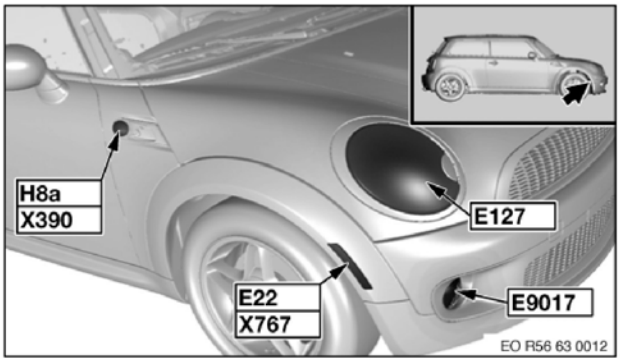
In order to prevent excessive power consumption when the engine is switched off, on these vehicles the seat heating, mirror heating, washer-nozzle heating and heated rear window are switched off and the heater blower is reduced to 75 % power consumption. The displays remain active (LEDs still lit).

Notes for Service department

General information

NOTE: Procedure in the event of a customer complaint with regard to malfunctions.

E127, H8a, X390, E22, X767, E9017

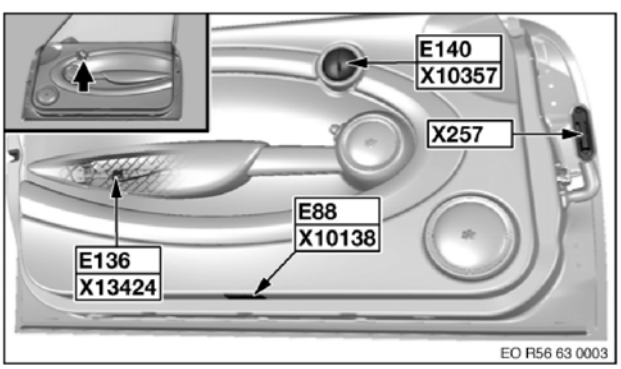


E136 Oddments Compartment Lighting, Driver's Door

E136 Oddments Compartment Lighting, Driver's Door

E140, X10357, E88, X10138, E136, X13424

E140, X10357, E88, X10138, E136, X13424

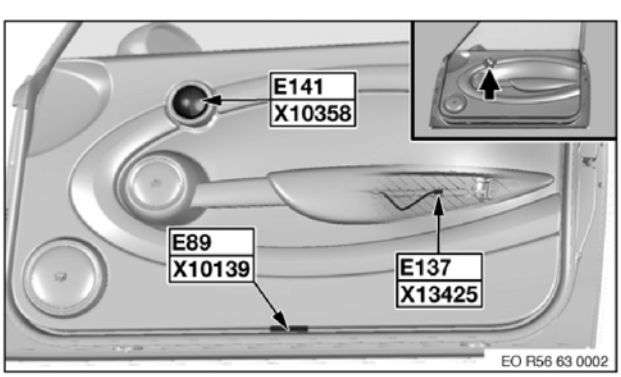


E137 Oddments Compartment Lighting, Passenger's Door

E137 Oddments Compartment Lighting, Passenger's Door

E141, X10358, E89, X10139, E137, X13425

E141, X10358, E89, X10139, E137, X13425

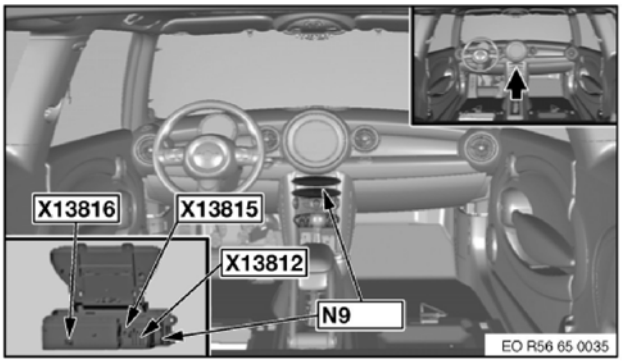


E140 Door Handle Plate Lighting, Driver's Door

E140 Door Handle Plate Lighting, Driver's Door

E140, X10357, E88, X10138, E136, X13424

X13816, X13815, X13812, N9

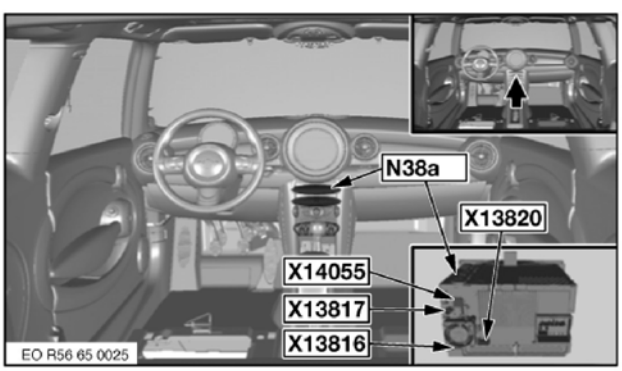


N38a, X13817, X14055, X13820, X13816 (RAD2-BO User interface)

X13816 No Adapter

N38a, X13817, X14055, X13820, X13816 (RAD2-BO User interface)

N38a, X13817, X14055, X13820, X13816

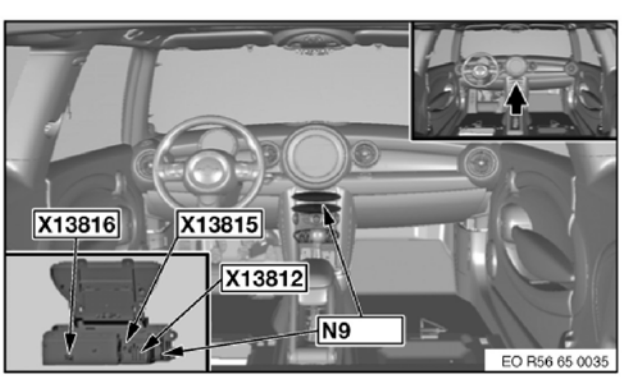


X13816, X13815, X13812, N9 (RAD Radio)

X13816 No Adapter

X13816, X13815, X13812, N9 (RAD Radio)

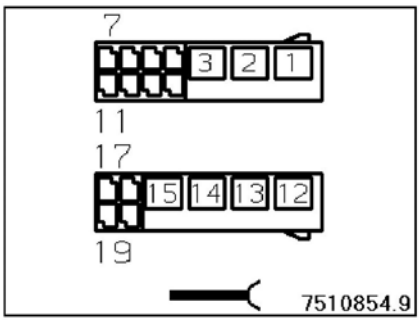
X13816, X13815, X13812, N9



X13817 No Adapter

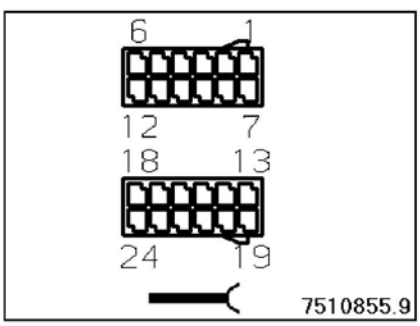
X13817 No Adapter

N38a, X13817, X14055, X13820, X13816



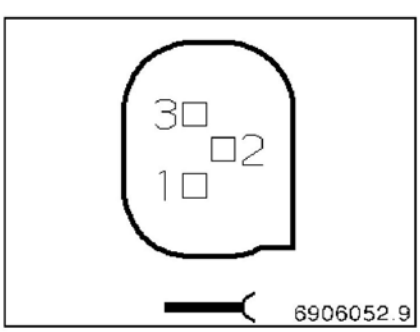
X11634

X11634



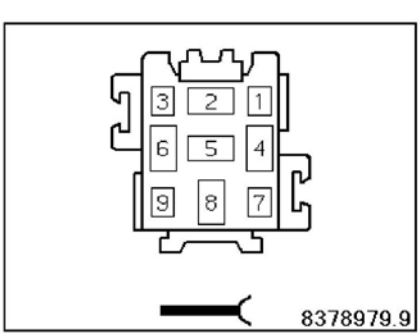
X12600

X12600



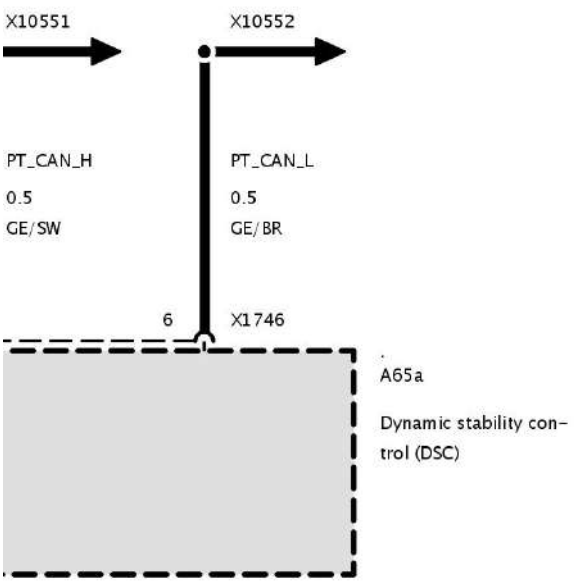
X13056

X13056



X13057

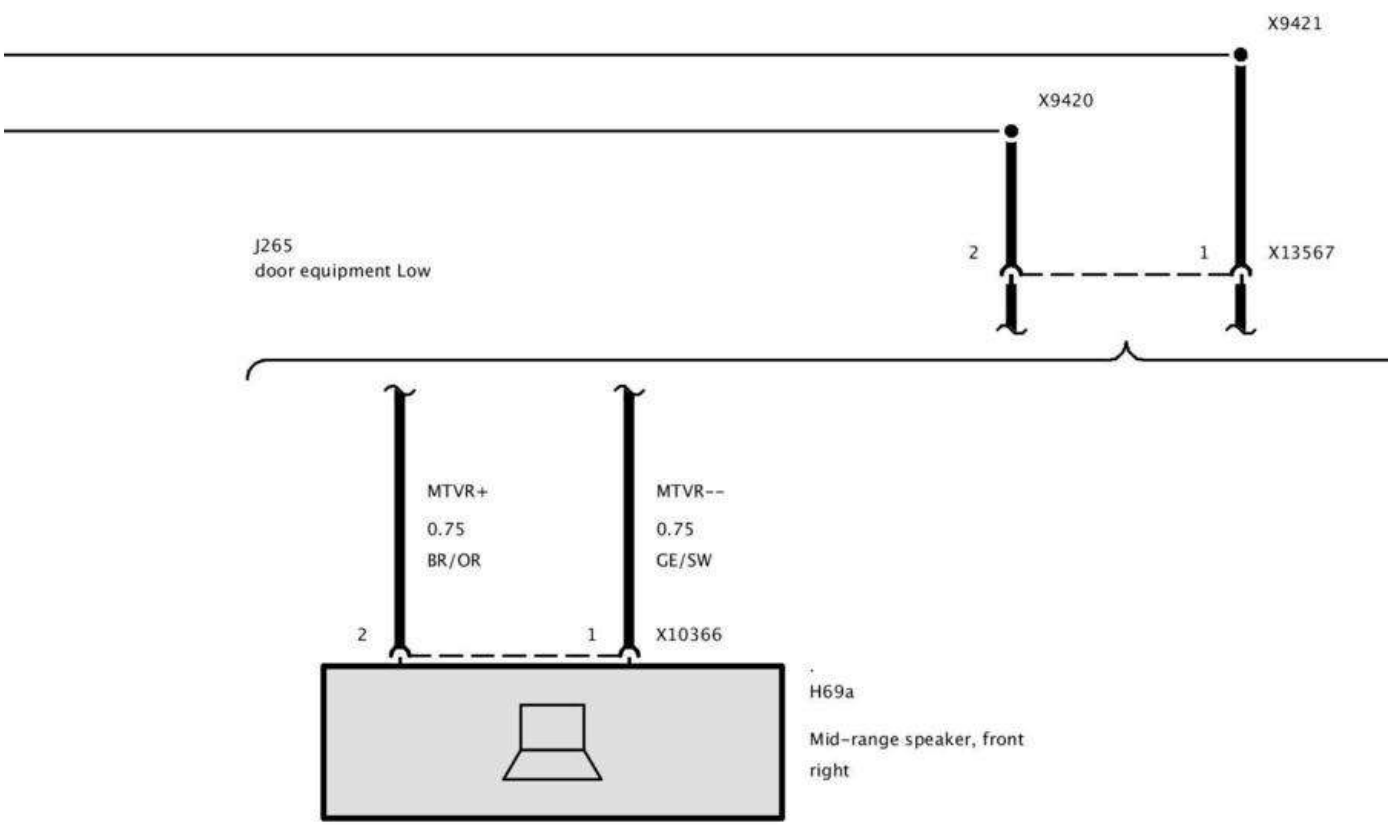
X13057



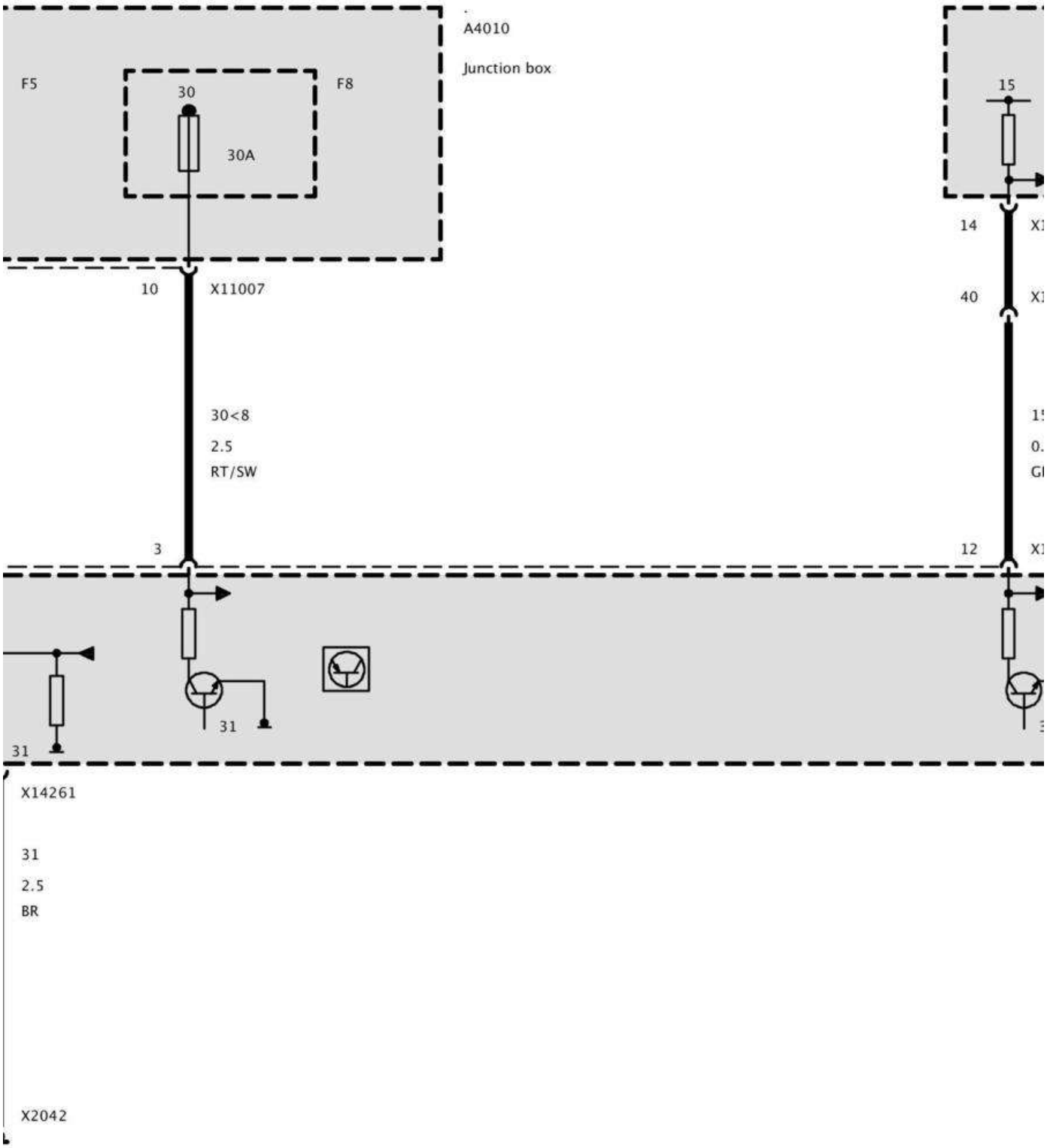
Part 3

Sensor System

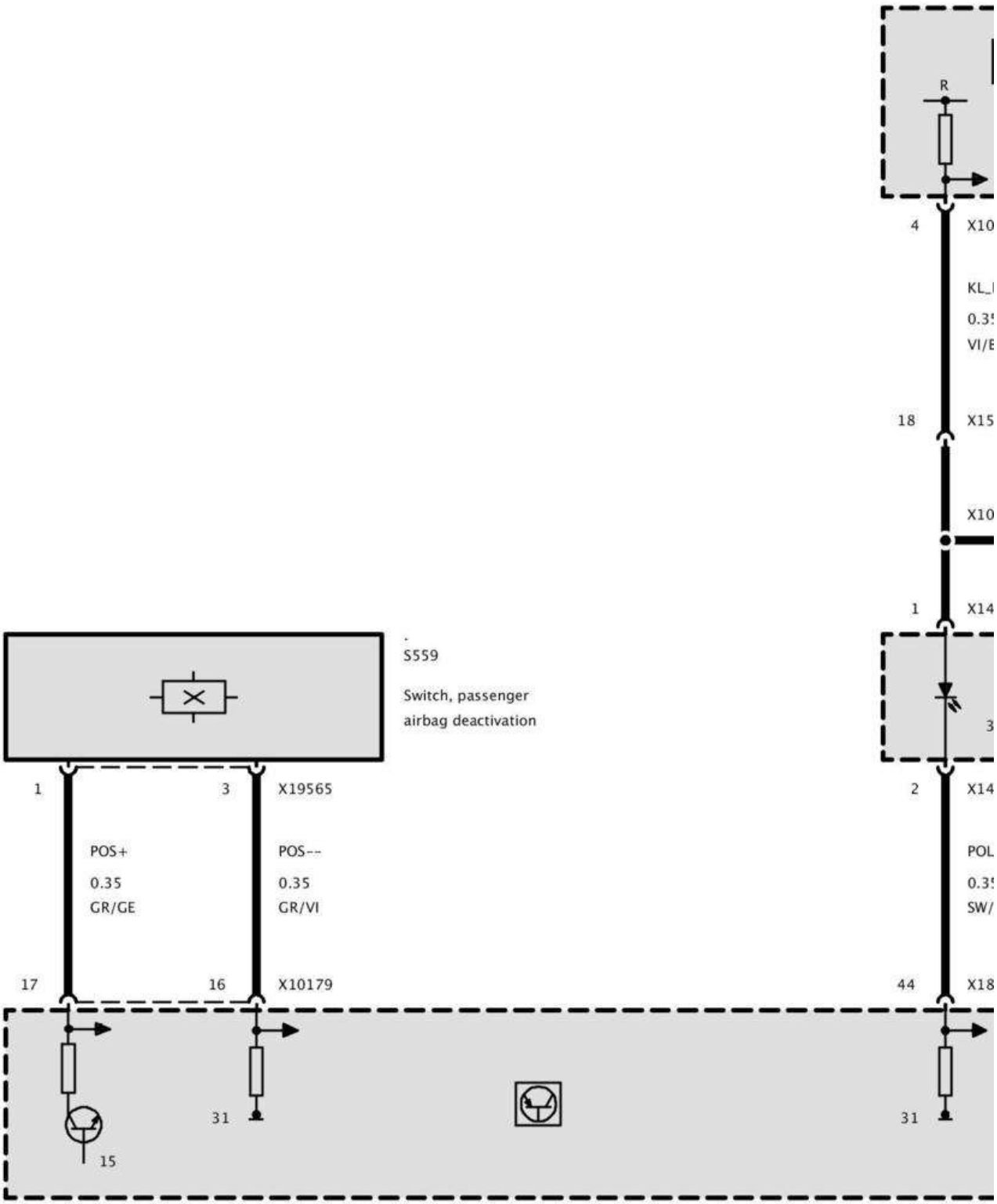
Sensor System


X9421
X9420
J265
door equipment Low
2
1
X13567
MTVR+
0.75
BR/OR
MTVR--
0.75
GE/SW
2
1
X10366
H69a
Mid-range speaker, front
right

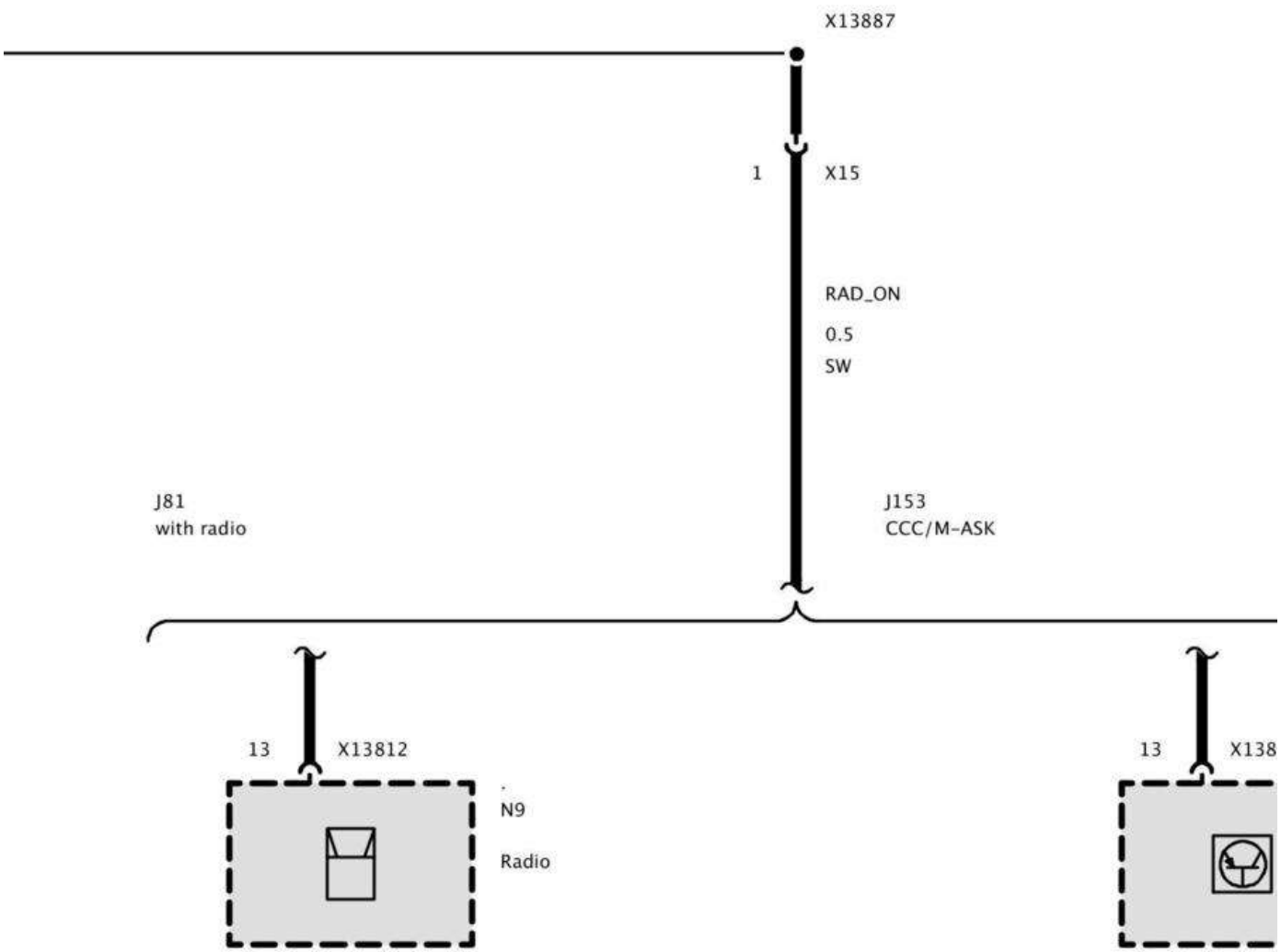
Part 5


A4010
Junction box
F5
30
F8
30A
15
14
10
X11007
40
30<8
2.5
RT/SW
3
12
31
31
X14261
31
2.5
BR
X2042

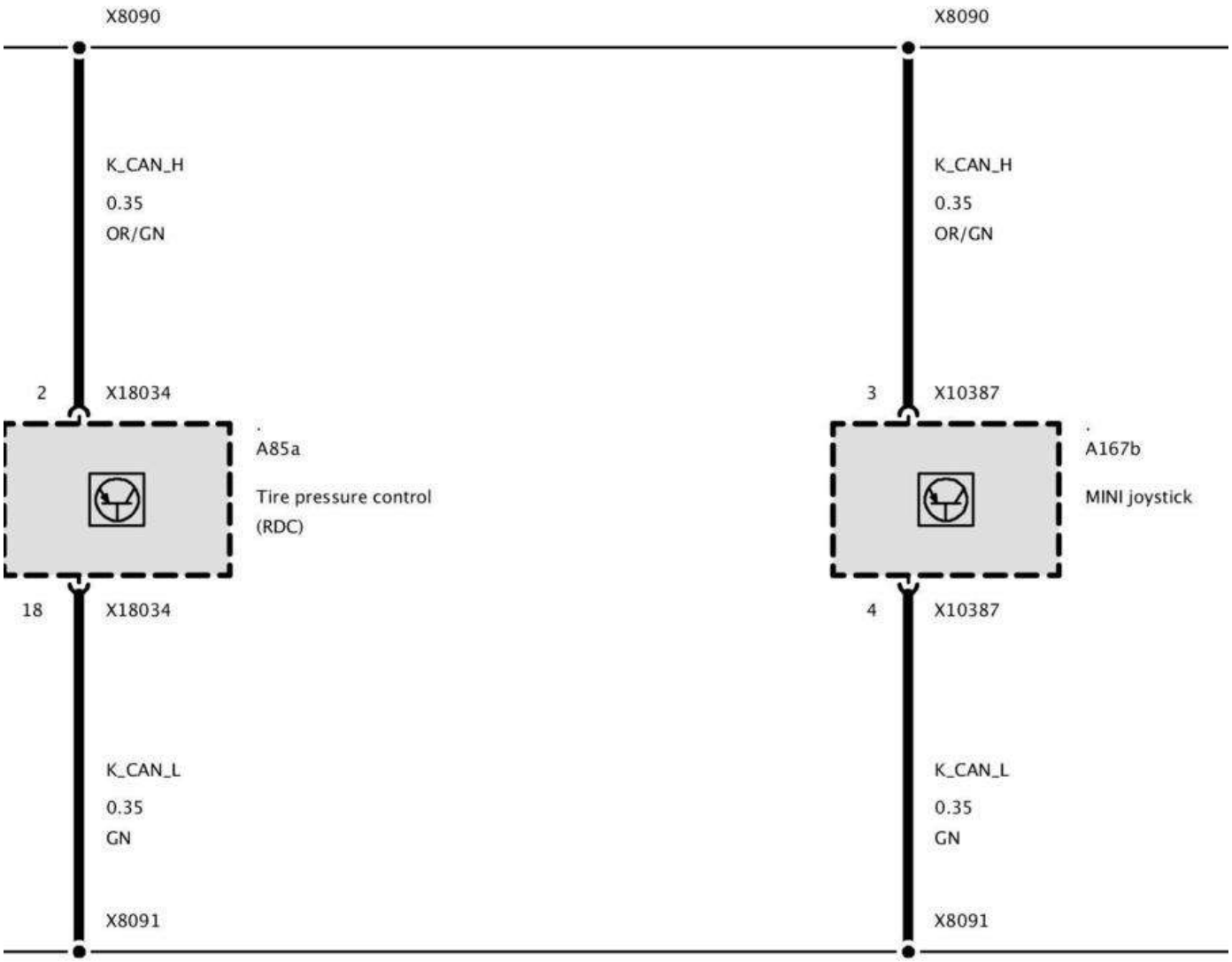
Part 2


R
4
X10
KL_
0.3
VI/
18
X15
X10
1
X14
S559
Switch, passenger
airbag deactivation
3
1
3
X19565
2
X14
POS+
0.35
GR/GE
POS--
0.35
GR/VI
POL
0.3
SW/
17
16
X10179
44
X18
31
31
15

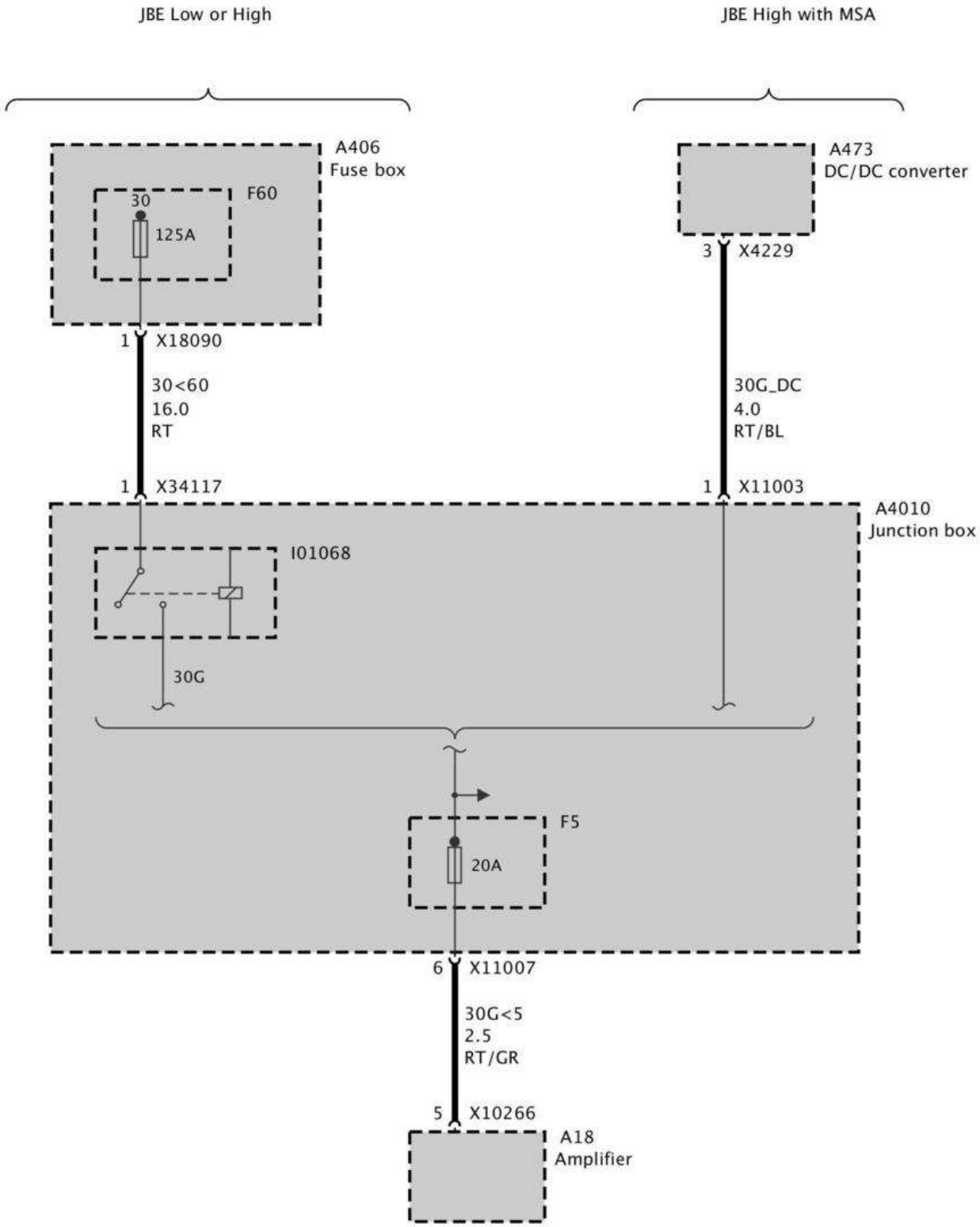
Part 1


X13887
1
X15
RAD_ON
0.5
SW
J81
with radio
J153
CCC/M-ASK
13
X13812
N9
Radio
13
X138

Part 2


X8090
K_CAN_H
0.35
OR/GN
2
X18034
.
A85a
Tire pressure control
(RDC)
18
X18034
K_CAN_L
0.35
GN
X8091
X8090
K_CAN_H
0.35
OR/GN
3
X10387
.
A167b
MINI joystick
4
X10387
K_CAN_L
0.35
GN
X8091

Part 7



Fuse F6 (Up to 12/08)

Fuse F6 (Up to 12/08)

Dear MINI Owner:

MINI is committed to delivering complete and total product satisfaction to you, our customer. Our interest in your vehicle doesn't stop with its sale; rather, it continues throughout the vehicle's warranty period and beyond.

MINI USA has become aware of a potential problem that could affect the durability of the high-pressure fuel pumps in select 2007, 2008, and 2009 model year MINI vehicles equipped with the N14 turbocharged engines. The Service Engine Soon lamp may illuminate on affected vehicles, and drivers may experience reduced engine performance.

While we estimate that only a small percentage of vehicles will develop a problem, MINI USA will demonstrate the confidence we have in our product by extending the warranty for the high-pressure fuel pump to 10 years or 120,000 miles from the original in-service date, whichever comes first.

The emissions warranty extension for this component applies to your vehicle, and is transferable to any subsequent purchaser of your car.

All terms and conditions of the Federal Emissions Defect Warranty, the Federal Emissions Performance Warranty, and the California Emissions Warranty apply to the extended warranty. Warranty coverage for all other parts is not affected. Warranty terms and conditions can be found in your Service and Warranty information booklet.

In the event that your vehicle's high-pressure fuel pump exhibits the conditions outlined above, please contact your nearest authorized MINI dealer to schedule an appointment. Your MINI dealer has received a service information bulletin informing them of this warranty extension.

Please be assured that we at MINI are totally committed to the highest standards of product excellence and ownership experience, and we are determined to provide a level of service that exceeds your expectations.

Should you have any questions, please call us at 1.866.ASK.MINI (275.6464). Prefer email? Email us at: MINI.Assistance@ASKMINIUSA.com.

Thank you for your cooperation in this matter.

Very truly yours,

Your friends at MINI USA

Technical Service Bulletin # **M710109** Date: **100301**

Recall 09V-474 - Tire Information Placard

SI M 71 01 09
Tools and Accessories (Engine_Chassis)

March 2010
Technical Service

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if there has been a recall campaign, dealers must assure that all new vehicles and new items of replacement equipment are free of safety defects and comply with all applicable Federal Motor Vehicle Safety Standards at the time of delivery to the consumer. This means that dealers may not deliver new motor vehicles or new items of replacement equipment to consumers unless the safety defect or noncompliance has been remedied before delivery.

SUBJECT
Recall Campaign 09V-474: Inspect Tire Information Placard

MODEL
Cooper and Cooper S (R56)

SITUATION

PROCEDURE

1. Remove the washer fluid pump per Repair Instruction REP 61 71 100.
2. When the pump is removed, most of the existing washer fluid in the reservoir should be drained and properly discarded.
3. Replace the strainer, which is installed on the end of the pump. The updated strainer has a larger mesh to avoid future occurrences.
4. Do not replace the washer pump, provided that it is still functioning properly.
5. Refill the washer fluid reservoir with BMW washer fluid at the specified concentration.

Part Number	Description	Quantity
61 66 7 006 063	Strainer	1
83 12 0 405 186	Washer fluid – with Antifreeze	As needed
83 12 0 405 179	Washer fluid – without Antifreeze	As needed

PARTS INFORMATION

Defect Code: **61 66 03 76 00**

Labor Operation:	Labor Allowance:	Description:
61 71 100*	Refer to KSD	Remove and install washer fluid pump
61 99 000	WT	Additional work to drain and fill the washer fluid reservoir

*Main Work - use this labor operation number when this is the only repair being performed, or if this is the main repair when performed along with other repairs at the same time. If this is not the main repair, refer to KSD for the associated (+) labor operation code.

WARRANTY INFORMATION
Covered under the terms of the BMW New Vehicle Limited Warranty.

Technical Service Bulletin # **M510109** Date: **090201**

Body - Windshield Damage Evaluation

SI M51 01 09
Body Equipment

February 2009
Technical Service

SUBJECT
Cracked or Damaged Windshield

MODEL
All models

SITUATION

The windshield may become cracked or damaged for a variety of reasons. Although the windshield requires repair or replacement, it is important to take note of the following guidelines regarding what types of damage may or may not be covered by the MINI New Vehicle Warranty.