

Rover / Range Rover / Land Rover with 10 pin CD changer to 3 and 6 pin BMWT harness modification:

BMW's and most BMW era Rovers use the same audio equipment including the CD changer which features two separate connectors, one with 3 pins and the other with 6. If you have the sat nav head unit or prefer to install a Grom Audio kit at the CD changer location (the connection will be present if you have a CD changer or not) then the GROM-BMWT harness is required, this features the male version of the 3 and 6 pin sockets allowing simple connection of a kit.

A very small amount of BMW era Rovers, Range Rovers and Land Rovers used a 10 pin rectangular connector for the connection to the CD changer. This is simply a different form factor and has all the same wires as the 3 and 6 pin connector. Therefore if you have the 10 pin connector you will need to modify as in the following table:

Car Loom 10 pin Connector			BMWT Connectors	
Pin No.	Colour	Rover Function	6 Pin connector Pin No.	3 pin connector Pin No.
1	White	Audio Right +	1 (White)	-
2	Black	Audio Right -	2 (Blue)	-
3	Orange	Not listed	-	-
4	Not connected	-	-	-
5	Green	IBUS Comms	-	3 (Orange)
6	Red	Audio Left +	4 (Red)	-
7	Grey	Audio Left -	5 (Green)	-
8	Brown	Changer audio earth	3 (Black)	1 (Brown)
9	Not connected	-	-	-
10	Purple	Permanent Feed +12v	-	2 (Yellow)

Please note: before starting any work on your vehicle we would recommend unplugging the car battery or removing the fuse for the CD changer.

Please note: all wire colours are subject to change therefore please try to use the pin location. It is possible to remove the wires/pins from the 10 pin connector by pulling back the latch and using a small screwdriver to flatten the locking clip on each pin then you can carefully and generally pull the wire out of the socket. We would suggest doing one at a time so the location is not lost.

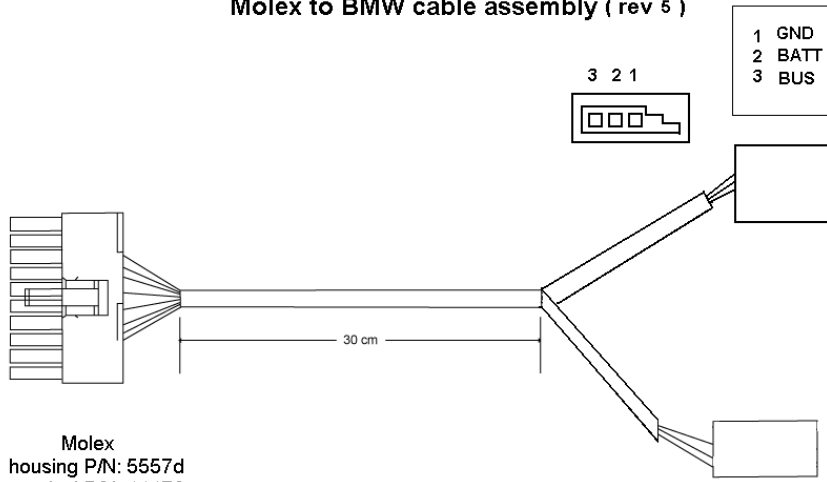
We would suggest always soldering each connection together, however you can use your preferred method for example crimps or connector blocks.

As both the 3 pin and 6 pin connectors feature an earth/ground wire it is possible to connect just one of these to the 10 pin (pin 8 Brown)

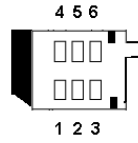
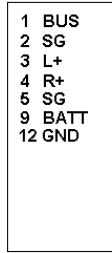
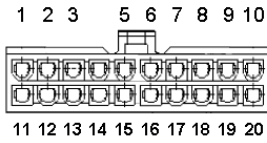
Disclaimer:

Installation should be carried out by a competent and qualified person, we accept no responsibility for installation. Installation is entirely at your own risk and expressly release Grom Audio/Carputer Shop from any and all resulting consequences, damages, and liabilities.

Molex to BMW cable assembly (rev 5)



Molex
housing P/N: 5557d
terminal P/N: 44476



- 1 GND
- 2 BATT
- 3 BUS

- 1 L+
- 2 SG
- 3 GND
- 4 R+
- 5 SG

Wire colors:
ACC - yellow
BATT - red
GND - black

Wire size: 20-22 AWG
Connectors shown from the mating side

Vehicle Specific Cable - BMW-T
Boot/Trunk CDC connection BMW

