

BMW E34 Touring Rear Wire Harness Repair Layout

The repair wiring harnesses for E34 touring models are universal for ALL applications (Europe, Japan, US, etc). The part numbers, as noted in other resources like ETK/websites are:

61 10 8 365 702	Right main harness
61 10 8 365 704	Left main harness
61 12 8 355 153	Rear window defroster
63 25 8 359 099	High mount stop light

The high mount stop light wires (two wires in one sheath), and window defroster wires (two wires in one sheath), connect directly to plug ends behind the grommets where the harnesses enter the D pillar. If you observe how things are assembled as you are taking the old wiring out, you will see how they should go back together. At the other end of the respective wiring, the high mount stop light has two spade ends that connect to the back of the stop light, while the defroster wiring needs to be spliced in to the leads coming off the grid on the rear window. Cut the existing ones 4 or 5 inches from where they are attached to the window and solder and shrink wrap the new ends to them.

There are, however, slight differences in coloring code for some of the wires in the main repair harnesses vs. existing wiring. This chart serves two purposes: 1) display the differences so that it is easier to match up wiring at the splice ends of the repair harnesses with the wiring that you will find inside the car, without going back and forth between your old wiring harness or the plug ends in the tailgate, and 2) layout the function of each wire in a format more focused than what you will find across multiple pages in the ETM or Bentley. This way, as you note any damaged wires in the existing harness, you can immediately identify what problems they were causing (wiper never returning to park, central locking not working, etc etc).

Right Harness:

Existing Color	Repair Wiring Color	Function
Black/Red	Black/Red	Rear wiper trigger
Black/Yellow	Black/Yellow	Rear wiper 12v
Brown	Brown	Ground
Blue/Yellow	Blue/Yellow	Reverse lamp 12v
Yellow/White (blank in US cars)	Yellow/Violet	Rear fog lamp 12v
Brown	Brown	Ground
Gray/Brown/Yellow	Gray/Black	Right license plate lamp 12v
Brown	Brown	Ground
White/Black/Yellow	White/Green	Glass open/closed micro switch
White/Blue	White/Blue	Glass open/closed micro switch
Black/Violet	Blue/Red	High mount stop lamp 12v
Brown (separate from common)	Brown (separate from common)	Ground

Left Harness:

Existing Color	Repair Wiring Color	Function
Red/Blue	Red/Blue	Glass motor 12v
Brown	Brown	Ground
White/Black/Yellow	White/Green	Gate open/closed micro switch
White/Black	White/Black	Gate open/closed micro switch
Gray/Brown	Gray/Black	Left license plate lamp 12v
Brown	Brown	Ground
Blue/Yellow	Blue/Yellow	Reverse lamp 12v
Yellow/White (blank in US cars)	Yellow/White	Rear fog lamp 12v
Brown	Brown	Ground
Red/Black	Red/Black (thick)	Wiper in park signal
Brown	Brown	Ground
Brown/Yellow	Brown/Yellow	Rear glass switch 12v
White/Brown	White/Brown	Glass open interior lamp trigger
Brown	Brown	Ground
Red/Black	Red/Black (thin)	Gate motor/locking 12v
White/Red/Yellow	White/Blue	To central locking
Blue/Red/Yellow	White/Green	To central locking
(blank in US cars)	Pink	Unused
White/Brown (white plug)	White/Brown (clear plug)	Gate open interior lamp trigger
Brown (white plug)	Brown (clear plug)	Ground
Brown (separate from common)	Brown (separate from common)	Rear Defroster
Black (separate from common)	Black (separate from common)	Rear Defroster