

Refer to the below for wire description.

- a. Up to December 2006 production, X58/28 (Figure 1, green plug) near the rear fuse box F4 (Figure 1). Plug may be tie wrapped to harness below Rear SAM.
- b. As of December 2006 production, X58/28 (Figure 2, green plug) near the diagnostic connector X11/4 (Figure 2). Plug may be tie wrapped to harness above connector X11/4.



Figure 1

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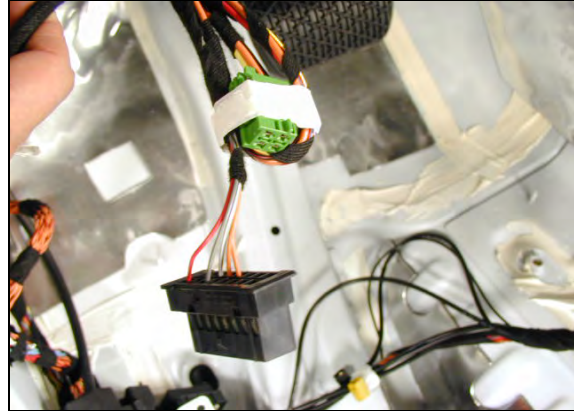


Figure 2

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Wire Description – X58/28

Color	Size	Description
Red or Red /Blue	2.5 mm ²	Fuse F4f71, 30 Amp fuse. This is the power supply for an electric trailer brake controller.
Brown	2.5 mm ²	W7 ground. This is the ground wire for an electric trailer brake controller
Grey or Black/Red	0.75mm ²	Brake light circuit. This is the brake signal for an electric trailer brake controller (input to the electronic brake controller).
Yellow/Red or Yellow/White	2.5 mm ²	X58/11 pin 7. This is the variable voltage signal to actuate the trailer brakes (from the output of the electronic brake controller).

i Note: Most electric trailer brake controllers specify that the power supply must be wired using a self resetting circuit breaker. Follow the instructions supplied with the electric trailer brake controller.

i Note: The above variation in wire colors depends on production date of factory harness and or installed accessory harness.

⚠ Warning! The electric trailer brake controller must be adjusted according to the instructions supplied with the electric trailer brake controller, which requires the trailer be connected to the tow vehicle.

Adapter Harness for X58/28

In order to assist in the installation of an electronic brake controller, an adapter harness which plugs into the vehicle's X58/28 connector may be built. This adapter harness can then be run to the installed location of the electronic brake controller. The parts required for this adapter harness are specified in the parts information section below and consist of a green female connector housing, a 0.75 mm² pin, three 2.5 mm² pins and four lengths of wire (Figure 3).

i **Note:** All four wires need to run from the X58/28 connector to the installed location of the electronic brake controller, which can vary depending on customer preference.



Figure 3

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Parts Information

Qty.	Part Name	Part Number
1	Rear SAM	A164 540 11 01
1	Connector Housing	A039 545 35 28
1	Pin 0.75 mm ²	A046 545 40 28
3	Pin 2.5 mm ²	A035 545 74 28
As required	Wire 2.5 mm ²	Locally Sourced
As required	Wire 0.75 mm ²	Locally Sourced