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Coding Information

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## Title: Wipers and Aftertreatment Lights Inop on Post 2007 Trucks with Body Controller

Applies To: Prostar, Workstar, Lonestar, DuraStar, TranStar Models

### DESCRIPTION

If someone hooks up an aftermarket accessory power circuit to the #1 ignition relay could cause permanent damage the Body Controller. This will result in the Aftertreatment lights and Wipers to stop working. This most commonly happens when someone hooks up an auto luber, or it could be caused by aftermarket component being hooked up to the #1 ignition relay.

Figure 1 below illustrates the front of the Power Distribution panel and outlines (in dashed red lines) the fuse and terminal locations of Fuse Block #5. Fuse Block #5 is controlled by Relay #2 and is the ONLY location that can be used by Body Builders for connections to an ignition fed 12VDC source. **Relay #1 controls circuits used by International and should not under any circumstances be used for Body Builder connections.** Figures 2 and 3 are closer views of the fuse and terminal locations as viewed from the front of Fuse Block # 5.

All connections to Fuse Block #5 should be made using terminals for #16-14 AGW part number 3573312C1 only and must be properly crimped. Current from these circuits should be limited to 20 amperes maximum and should be fused accordingly. Grounds for these circuits should be connected to the ground splice blocks located at either end of the instrument panel harness.

### SYMPTOMS

- Wipers do not operate
- Aftertreatment warning lights do not come on during key-on light check

### TROUBLESHOOTING

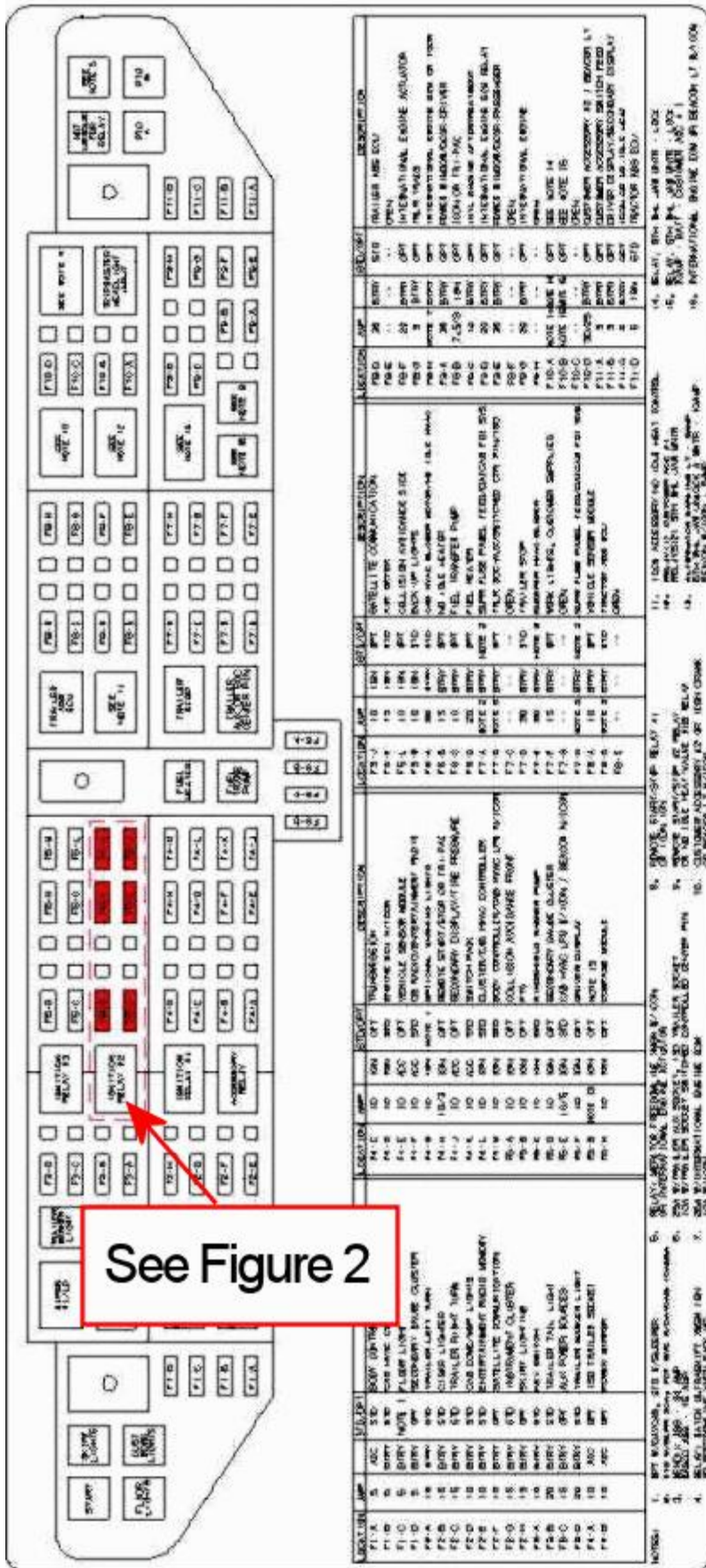
1. Try to operate the wipers.

- i. If the wipers do not operate and the aftertreatment lights do not come on at key-on, follow the procedure below.
- ii. If the wipers do operate, you are not having this issue and you need to continue troubleshooting. For further wiper troubleshooting see [IK1900088](#)

## RESOLUTION

Check to see if the unit has any circuits added into #1 Ignition Relay:

1. Remove the added power feed wire from the #1 ignition feed relay
2. Install the power feed wire on the #2 ignition feed relay
3. Follow the necessary steps to repair the body controller. **For any Body Controller replacement you will need to fill out a Body Controller iApprove.**



See Figure 2

See Figure 3

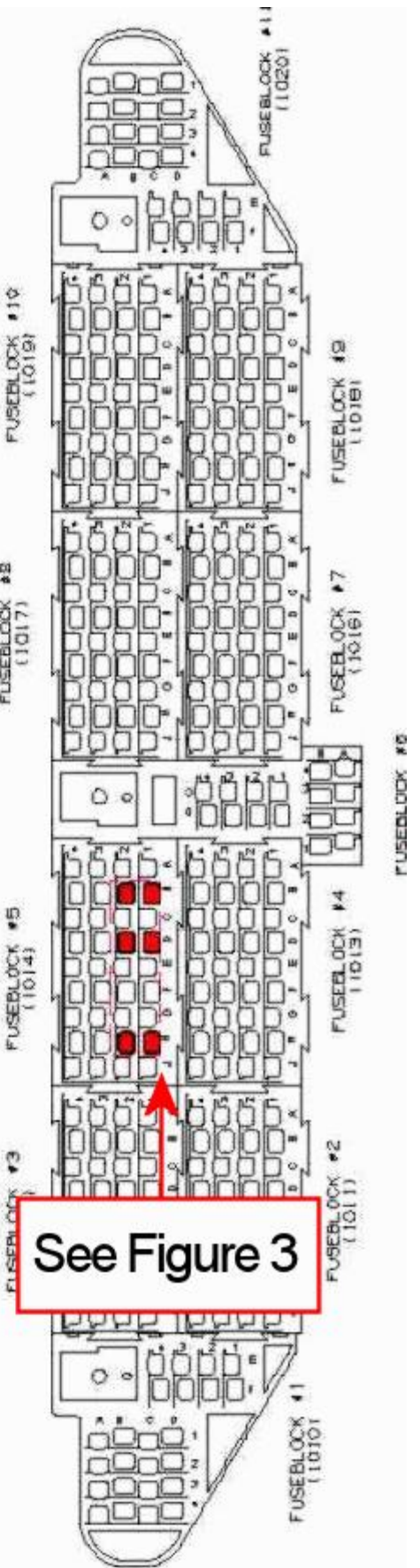


Figure 1

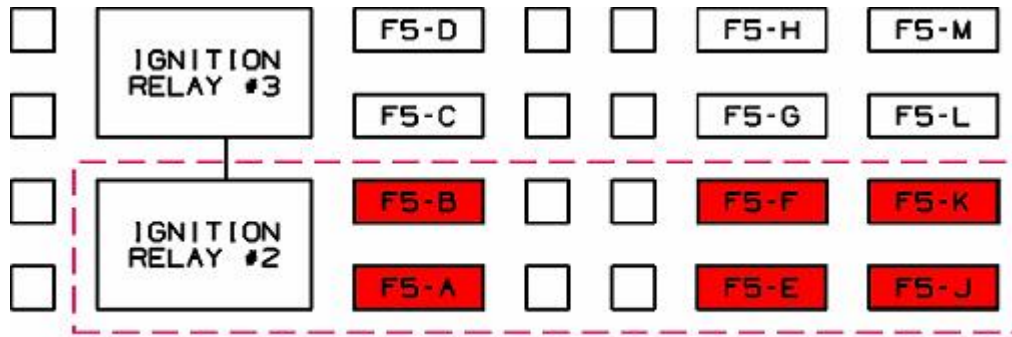


Figure 2, Fuse Locations

### FUSEBLOCK #5 (1014)

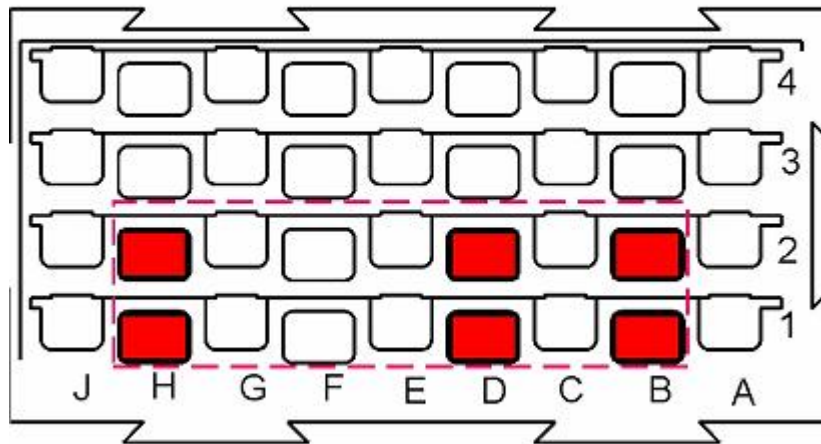


Figure 3, Terminal Locations

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