



## INSTRUCTION TO SERVICE

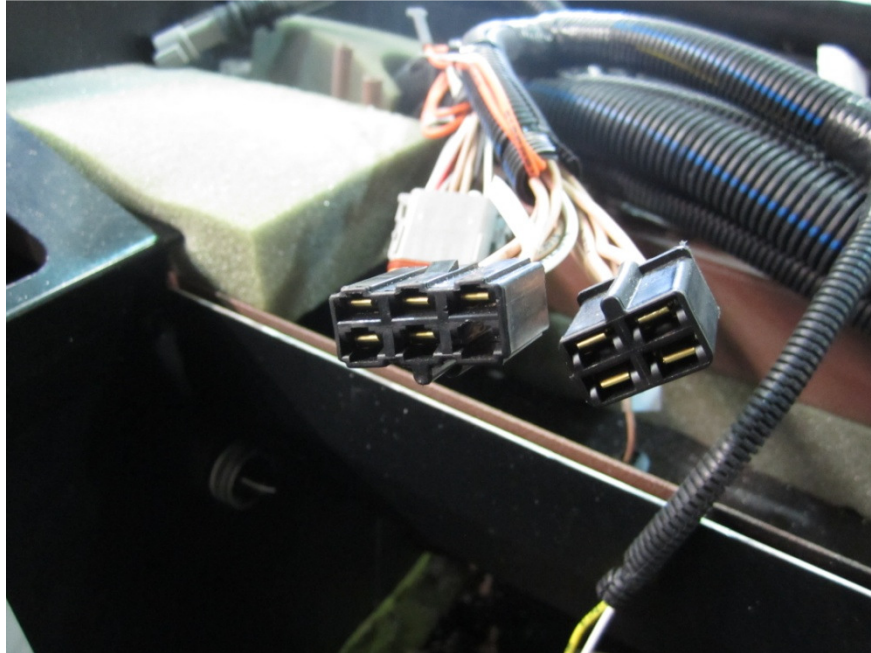
<b>ITS: 5328</b>	
<b>SECTION:</b>	420 Body AP EXT
<b>WRITTEN BY:</b>	Troy Stutsky
<b>SUBJECT:</b>	Add Wiper Relay Module

# ITS5328

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**PROCEDURE:**

1. Turn the main battery disconnect switch to the “OFF” position.
2. Remove the dash panel.
3. Locate the wiper switch harness connectors P4 and P6. See Figure 1.
4. Unplug the connectors from the dash harness.

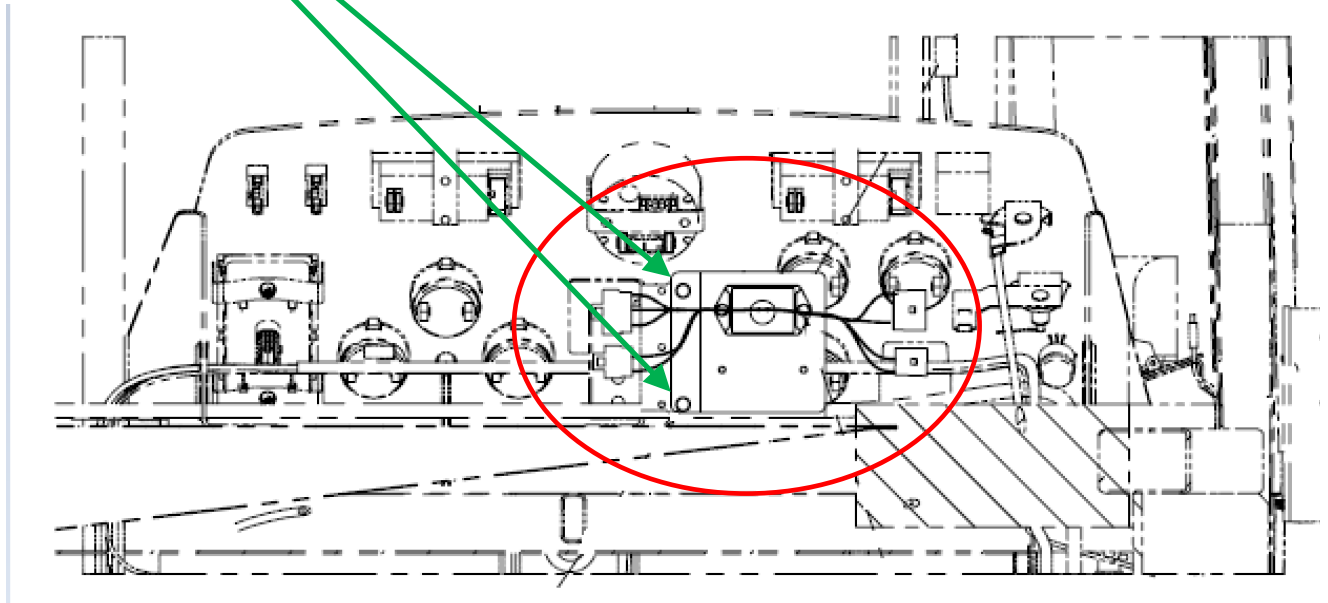


**Figure 1: Wiper Switch Harness Connectors P4 and P6**

5. Fasten wiper relay module (PN 502757) to bracket (PN 502531) using qty two machine screws #8 x 3/4 (PN 14S98012), qty four #8 flat washers (PN 50W98000) and qty two #8 nylon lock nuts (PN 40N98000).
6. Take wiper relay module and bracket and fasten to existing holes in dash panel using qty two machine screw #10 x 1/2 (PN 14S00008) and qty two #10 washer (PN 50W00000). See Figure 2.

**NOTE:** Apply 1 to 2 drops of Loctite – 242 (PN 8110440) to end of #10 x 1/2 screws (PN 14S00008)

Mounting Holes



**Figure 2: Wiper Relay Module and Bracket Fastened to Dash Panel**

7. Plug wiper switch harness connectors P4 and P6 into wiper relay module.
8. Plug other end of relay module into dash harness that wiper switch harness connectors used to be plugged into.
9. Re-install dash panel.
10. Turn the main battery disconnect switch to the "ON" position.
11. Run test to make sure wipers are working correctly. Repair as required.
12. Remove all tools and debris from the bus and return to service.



**NEW FLYER**

### LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Add wiper relay module.	1	1.5	1.5

### KIT 6411830 - PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	502757	ASSY-WIPER RELAY MODULE	1	EA	
2	502531	BRACKET-WIPER RELAY MODULE	1	EA	
3	8110440	LOCTITE – 242	.01	EA	
4	50W00000	WASHER FLAT SS #10	2	EA	
5	14S00008	SCREW PH CROSS RECESS SS #10 24 UNC X 1/2 LG.	2	EA	
6	40N98000	NUT LOCK NYLON #8 32 UNC	2	EA	
7	50W98000	WASHER FLAT SS #8	4	EA	
8	14S98012	SCREW PH CROSS RECESS SS #8 32 UNC X 3/4" LG.	2	EA	