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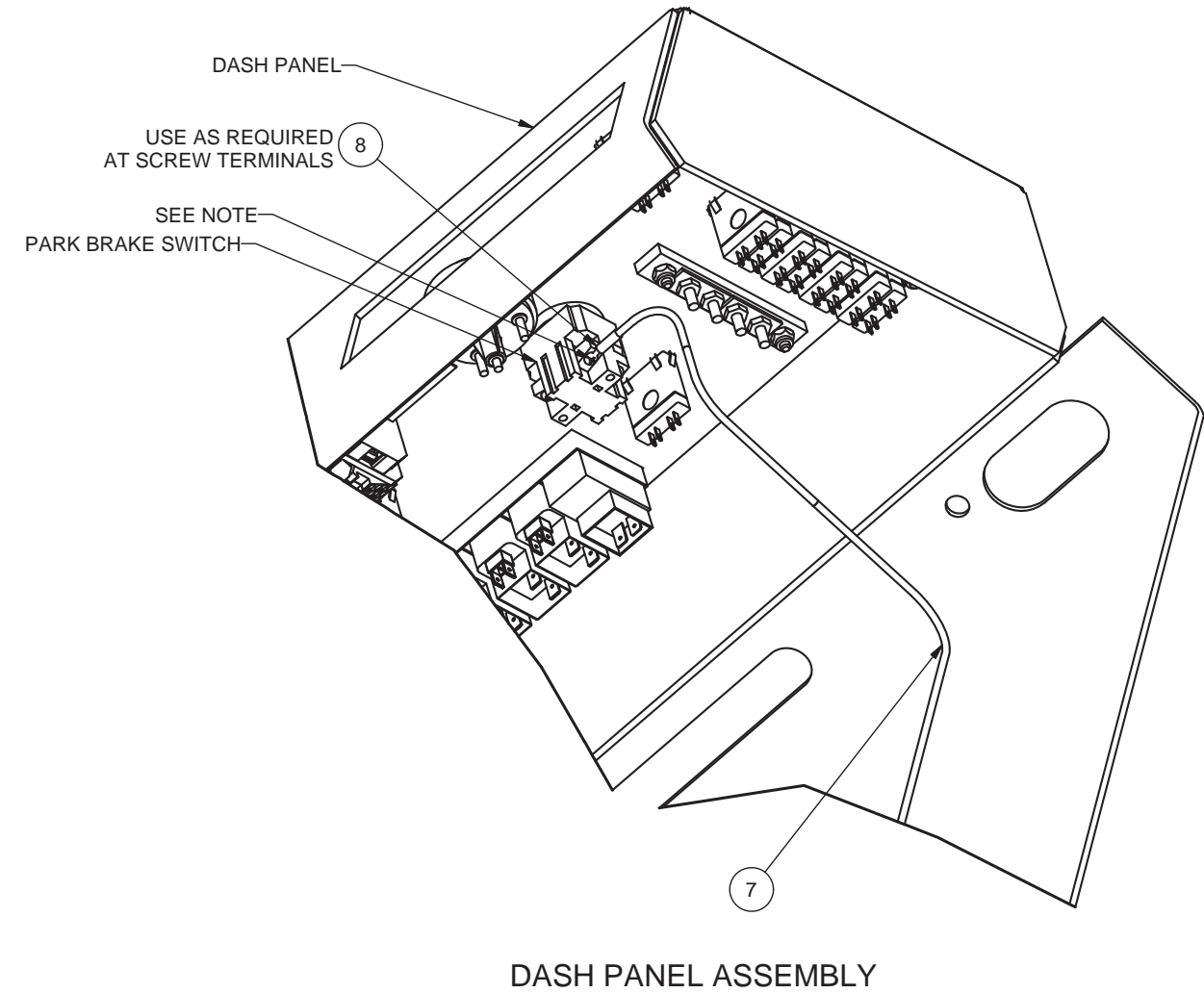
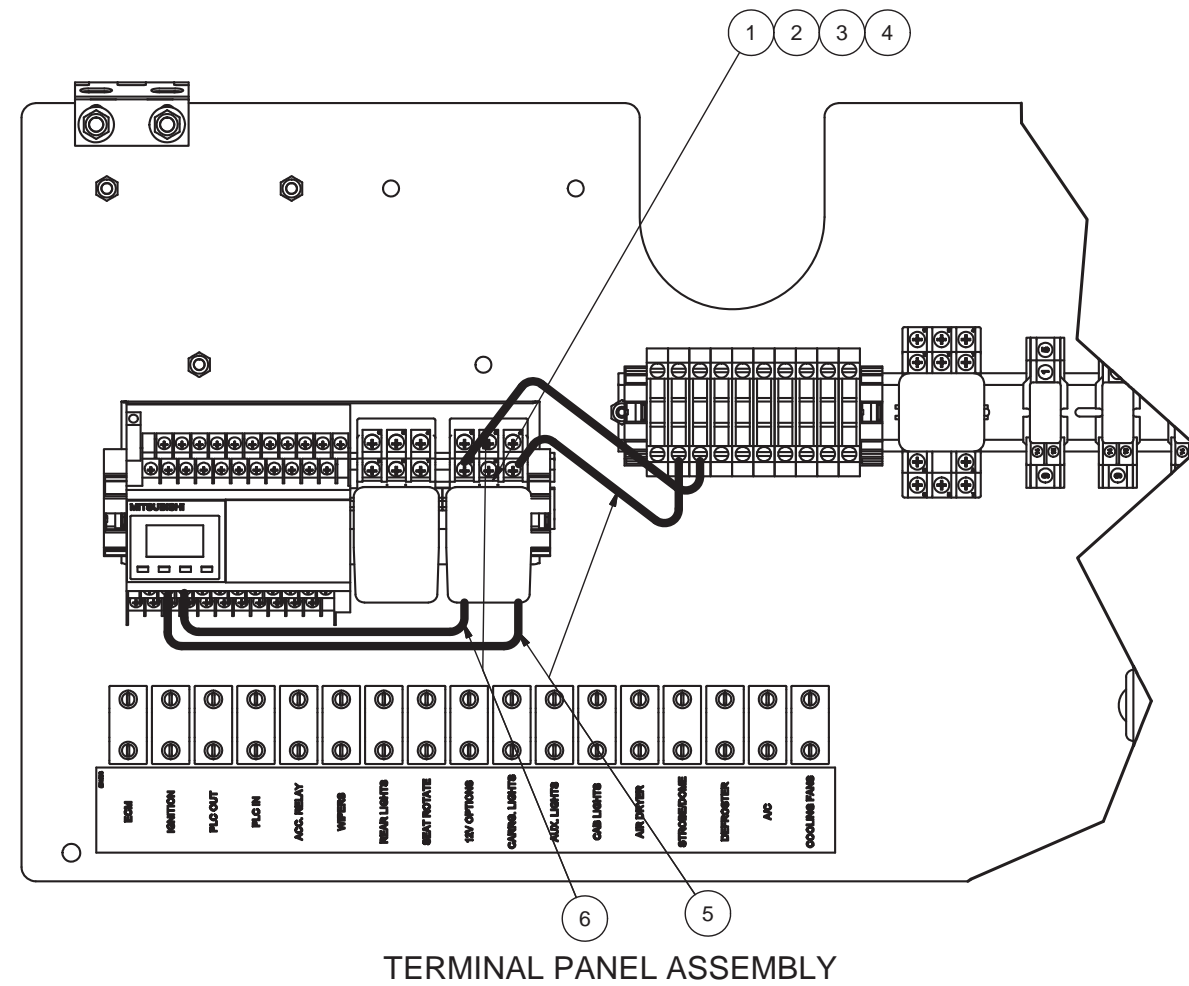
Kit, Parking Brake - Neutral Relay

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## Kit, Parking Brake - Neutral Relay

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Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
	<b>584889</b>		<b>Kit, Parking Brake - Neutral Relay</b>				
1	232909	1	. Relay Socket	6	219355	2'	. Wire
2	232908	1	. Relay	7	219412	5'	. Wire
3	235842	2	. Clamp, Holddown	8	220775	7	. Terminal Ring
4	22635	1	. Diode	9	237628	5'	. Wire
5	237627	2'	. Wire				



**INSTALLATION NOTES:**

- INSTALL RELAY AND ASSOCIATED MOUNTING HARDWARE AS SHOWN ON PLC MOUNTING RAIL.
- REWIRE WIRING FROM PLC TERMINAL Y0 TO THE TERMINAL ON FUSE HOLDER 2 TO ROUTE THROUGH RELAY ASSEMBLY TERMINALS 7 & 1 AS DEPICATED IN THE SCHEMATIC.
- REWIRE WIRING FROM PLC TERMINAL Y1 TO THE TERMINAL ON FUSE HOLDER 3 TO ROUTE THROUGH RELAY ASSEMBLY TERMINALS 9 & 3 AS DEPICATED IN THE SCHEMATIC.
- INSTALL ENGERGIZE WIRE FROM NORMALLY OPEN TERMINAL ON THE PARKING BRAKE SWITCH TO TERMINAL 13 ON THE RELAY ASSEMBLY.
- INSTALL GROUND WIRE FROM COMMON CHASSIS GROUND ON THE TERMINAL PANEL ASSEMBLY TO TERMINAL 14 ON THE RELAY ASSEMBLY (NOT SHOWN).

**OPERATION:**

THE PARKING BRAKE / NEUTRAL INTERLOCK RELAY ASSEMBLY IS INSTALLED IN THE FORWARD / REVERSE WIRING FROM THE PLC TO THE TRANSMISSION SHIFT SOLENOID MANIFOLD. USING THE NORMALLY CLOSED CONTACTS OF THE RELAY ASSEMBLY THE UNIT IS ALLOWED TO SHIFT FROM NEUTRAL TO FORWARD AND/OR REVERSE BASED ON OPERATOR INPUT FROM THE SHIFT SELECTOR HANDLE AND THE PROGRAM LOGIC OF THE PLC WHEN THE PARKING BRAKE IS NOT APPLIED. THE TRANSMISSION IS AUTOMATICALLY PLACED IN NEUTRAL WHENEVER THE DASH MOUNTED PARKING BRAKE SWITCH IS ACTUATED, AS THE PARKING BRAKE / NEUTRAL INTERLOCK RELAY IS ENGERGIZED OPENING THE NORMALLY CLOSED CONTACTS AND PREVENTING THE TRANSMISSION FORWARD OR REVERSE SOLENOIDS FROM BEING ENGERGIZED.

