

SERVICE REPAIR PROCEDURE

OVERHEAD TV LIFT 2006 TO CURRENT

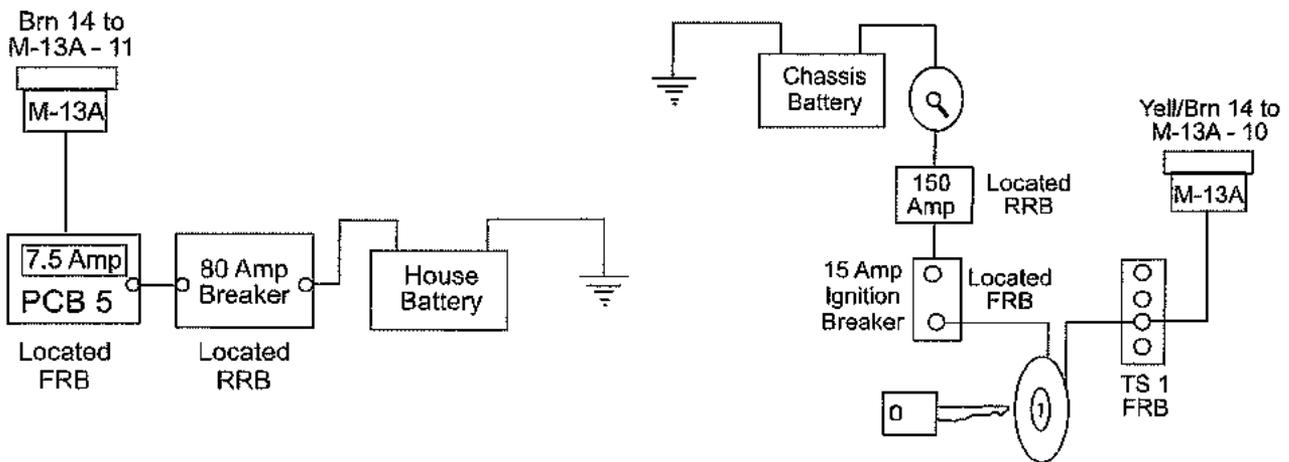
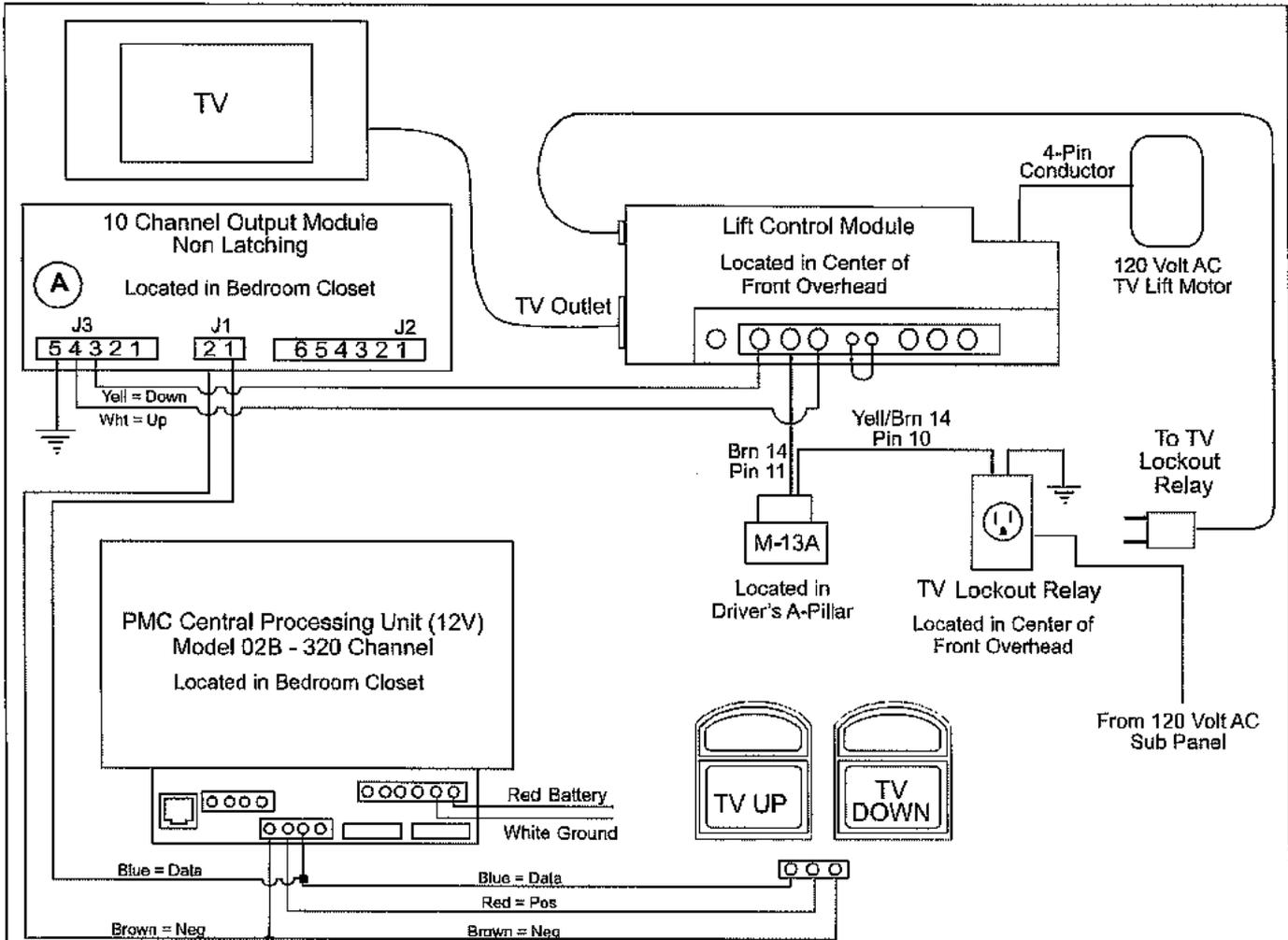
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SERVICE REPAIR PROCEDURE



LEGEND

- FRB = Front Run Box
- RRB = Rear Run Box
- M-13A = Mate-N-Lok Plug #13A

Rm02A0010e

OVERHEAD TV LIFT

The TV Lift uses a 120 Volt AC motor to move the mechanism up and down. A lift control module receives input commands from the Multiplex switching system (for more information on Multiplex switching, see Multiplex SRP). The lift control module controls action of the 120 Volt AC motor. Up and down stop points are controlled by limit switches.

Synopsis

Interior house power must be on. AC power must be supplied by shore power, the generator or the inverter. Ignition key must be off so the TV lockout AC receptacle will function. An **Up** or **Down** command is given from the Multiplex switch. The Multiplex CPU interprets the command and sends a control signal to Multiplex Module A located in bedroom closet. The appropriate DC circuit is activated on Module A, sending a DC electrical signal to the corresponding terminal on the lift control module located in front overhead. Lift control module determines action of AC lift motor. Limit switch stops lift motor at end of travel.

Diagnostic

If the TV will not move up/down:

- ◆ Interior house power on?
- ◆ AC power supplied by shore power, generator or inverter?
- ◆ Ignition key in off position?

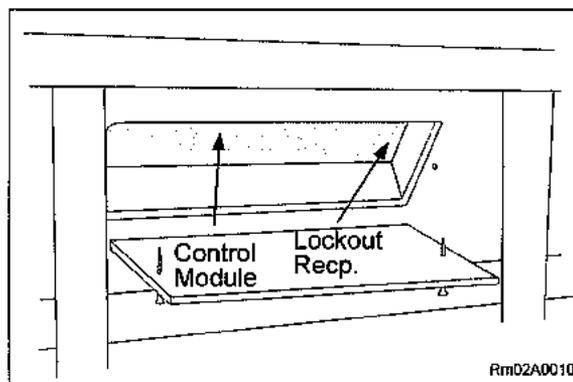
If the TV still does not move up/down:

- ◆ Fuses on Multiplex Module A plug J3. Circuit 3 is down (white wire) and circuit 4 is up (yellow wire).

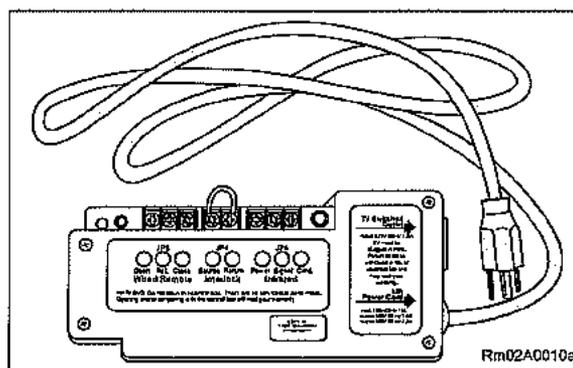
If the fuses test good, then determine if AC and DC power is reaching the Lift Control Module. If the Lift Control Module is receiving DC power to the respective terminals then the Control Module may be defective.

Control Module Replacement

If both AC and DC are present at the control module, the control module may be defective. On motorhomes built prior to 5798 the module is located on TV framework. On motorhomes numbered 5798 and after, the module is mounted remotely in the front overhead. Access to the control module prior to number 5798 requires removing the outer TV lift trim. Remote mounted control modules are located in the center section of the front overhead through an access panel, or if no access panel exists, the decorative trim of the front overhead is held into place with clips. Remove both side overhead doors for decorative trim clearance. Use 4" putty knife to remove decorative trim. Next, remove the module.



Control Module Access: Located on center front overhead.



Control Module: Located in center front overhead. Remove cover screws to access the 4-Pin Plug.

