

March, 2004

TECHNICAL BULLETIN

PREVENTATIVE MAINTENANCE – ACTION RECOMMENDED

SUBJECT: PNP ADAPTER FOR LIGHT CURTAIN RECEIVER.

EQUIPMENT: PEELLE CAR DOOR LIGHT CURTAIN REVERSING DEVICE (PEELLE PART NUMBERS 4690 AND 4691) WITH PNP ADAPTER (46903).

DESCRIPTION: PEELLE HAS DISCOVERED THAT THE PNP ADAPTER (46903) THAT WAS BEING SHIPPED WITH THE PEELLE CAR DOOR LIGHT CURTAIN HAS POTENTIAL TO FAIL IF WIRED INCORRECTLY. THE PNP ADAPTER CHANGES THE OUTPUT OF THE LIGHT CURTAIN RECEIVER FROM NPN (-24VDC) TO PNP (+24VDC). THROUGH MINOR WIRING MODIFICATIONS THE PNP ADAPTER CAN BE ELIMINATED.

ACTION: THE FOLLOWING ARE THE STEPS TO REMOVE THE PNP ADAPTER:

- 1) REMOVE PNP ADAPTER FROM LIGHT CURTAIN RECEIVER.
- 2) RE-ATTACH WIRES FROM LIGHT CURTAIN RECEIVER: BROWN TO +24, BLUE TO -24 AND BLACK TO RD. *MAKE SURE BLACK CARRIES BACK TO THE DOOR CONTROLLER AND CONNECTS TO RD (NOT SE)!*
- 3) REWIRE THE RD RELAY INSIDE THE DOOR CONTROLLER:
 - A) REMOVE THE -24 WIRES FROM SOCKET TERMINAL 13 AND CONNECT TOGETHER (MARETTE).
 - B) REMOVE RD WIRE FROM SOCKET TERMINAL 14 AND CONNECT TO SOCKET TERMINAL 13.
 - C) ADD WIRE FROM TERMINAL +24 TO SOCKET TERMINAL 14.
- 4) *FOR STANDARD OPERATION ONLY (NOT SLAVE):* ADD WIRE FROM TERMINAL +24 TO SOCKET TERMINAL 9. ADD WIRE FROM TERMINAL SE TO SOCKET TERMINAL 5.
- 5) REPEAT STEPS FOR REAR RDR RELAY FOR DOUBLE LINE CONTROLLER.

PEELLE HELP: SHOULD YOU REQUIRE TECHNICAL ASSISTANCE, PLEASE CALL JOSE VILCHEZ AT (905) 846-4545 x214 OR STEVE MULLEN AT x215.

PNP ADAPTER

