



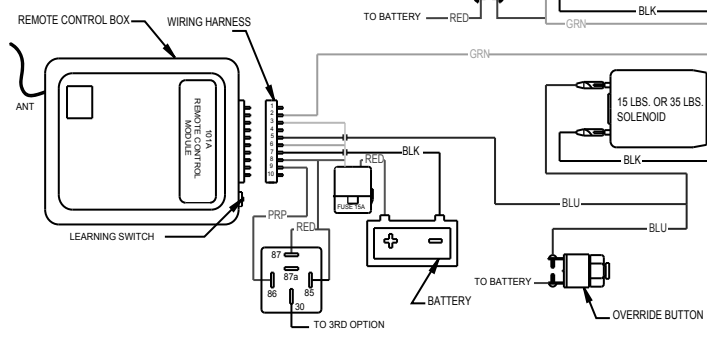
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SHAVED DOOR INSTALL



WIRE COLOR DESCRIPTION

1 BROWN □	RELAY 1, NC. POINT FOR LOCK □	NOT USED
2 GREEN □	RELAY 1, COM. POINT FOR LOCK □	TO SOLENOID + 12 V
3 GRAY □	RELAY 1, NO. POINT FOR LOCK □	NOT USED
4 WHITE □	RELAY 2, NC. POINT FOR UNLOCK □	NOT USED
5 BLUE □	RELAY 2, COM. POINT FOR UNLOCK □	TO SOLENOID + 12 V
6 ORANGE □	RELAY 2, NO. POINT FOR UNLOCK □	GROUND
7 BLACK □	TO BATTERY NEG. OR CAR BODY □	+ 12 V
8 RED □	TO BATTERY POS. □	TO 3RD CHANNEL
9 PURPLE □	CHANNEL 1 (-500MS PULSE) □	NOT USED
10 PINK □	PARKING LIGHTS □	



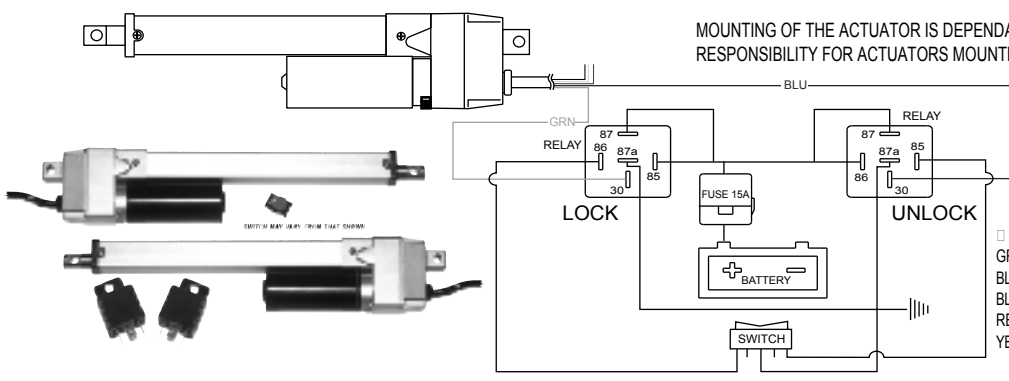
1. FIRST REMOVE DOOR PANEL (THIS WILL VARY DEPENDING ON VEHICLE). CAREFULLY REMOVE OUTSIDE DOOR HANDLE AND BEZEL.
2. HOOK RELEASE CABLE END TO THE FACTORY LINKAGE ROD IN THE DOOR LATCH. USING PROVIDED BRACKETS, MOUNT SOLENOID SO CABLE IS TAUNT. PUT SLEEVE OVER CABLE. (BRACKET MAY NEED TO BE BENT TO FIT. MAKE ADJUSTMENTS AS NECESSARY.)
NOTE: BE AWARE OF WINDOW TRAVEL AS NOT TO IMPEDE PATH.
3. REPEAT FOR OTHER DOOR.
4. LOCATE AND INSTALL OVERRIDE MOUNTING BRACKET. (IF MOUNTING ON OUTSIDE OF VEHICLE LOCATE IN A SPOT THAT WILL NOT GET WET.)
5. FIND A LOCATION FOR CONTROL BOX AND MOUNT IN PLACE.
NOTE: BEFORE STARTING ANY ELECTRICAL WIRING BE SURE TO DISCONNECT BATTERY TERMINALS.
6. NOW FOLLOWING WIRING DIAGRAM MAKE ALL CONNECTIONS, RUNNING WIRES TO DOORS THROUGH FACTORY HOLES IF POSSIBLE.
7. 10 GAUGE IS BEST, BUT IF YOUR GOING A SHORT DISTANCE, LIKE A FEW FEET, THEN 12 GAUGE WILL DO.
8. FOR DOOR POPPERS FIND A LOCATION THAT THEY CAN CONTACT DOOR. USING THEIR BRACKET AS A TEMPLATE MARK THREE HOLES NEEDED. (TWO SCREW HOLES AND POPPER ROD).
9. DRILL OUT HOLES, CHECKING PROPER FITMENT. INSTALL POPPERS USING SHEET METAL SCREWS.

SETTING LEARNING TRANSMITTER
PRESS LEARNING SWITCH ON REMOTE CONTROL BOX. PARKING LIGHTS WILL STEADY LIGHT, PRESS ANY BUTTON ON TRANSMITTER WITHIN 10 SEC. AND LIGHTS WILL FLASH ONCE TO CONFIRM THAT CODE HAS BEEN LEARNED. SYSTEM CAN LEARN A MAX OF THREE FUNCTIONS.

LINEAR ACTUATOR KIT INSTALL

NOTE: ALWAYS DISCONNECT BATTERY TERMINALS BEFORE DOING ANY ELECTRICAL WORK. DO NOT TIGHTEN FRONT AND REAR BOLTS TOO TIGHT, THEY NEED TO BE JUST TIGHT ENOUGH TO HOLD THE ACTUATOR IN PLACE. TOO TIGHT AND IT WILL NOT ALLOW THE ACTUATOR TO MOVE FREELY.

MOUNTING OF THE ACTUATOR IS DEPENDANT ON THE INSTALL AND THE INSTALLER. WE ASSUME NO RESPONSIBILITY FOR ACTUATORS MOUNTED UNSAFELY, OR HARM CAUSED BY FAULTING INSTALLATION.



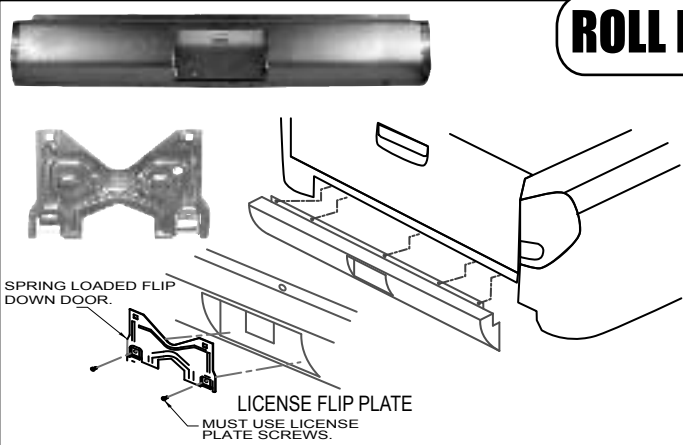
- | | |
|---------------------------|----------------------|
| MATERIALS INCLUDED | NOT INCLUDED |
| * RELAYS (2) INCLUDED | - 15 AMP INLINE FUSE |
| * SWITCH (1) INCLUDED | - 12 VOLT BATTERY |
| * ACTUATORS (2) INCLUDED | |

WIRE COLOR DESCRIPTION

□ GREEN □	RELAY 1, COM. POINT FOR LOCK □	TO SOLENOID
□ BLUE □	RELAY 2, COM. POINT FOR UNLOCK □	TO SOLENOID
□ BLACK □	NOT USED FROM ACTUATOR □	N/A
□ RED □	NOT USED □	N/A
□ YELLOW □	NOT USED □	N/A

ROLL PAN INSTALL

- BOLT-ON INSTRUCTIONS**
1. FIRST REMOVE BUMPER, BRACKETS, OR PREEXISTING ROLL PAN. THEN INSTALL UNIVERSAL MOUNTING BRACKETS TO FRAME OR OTHER MOUNTING POINT.
 2. USING SHEET METAL SCREWS MOUNT ROLL PAN TO MOUNTING BRACKET.
 3. ONCE PROPER ALIGNMENT HAS BEEN FOUND, REMOVE ROLL PAN, PAINT TO MATCH TRUCK, AND THEN REINSTALL.
- NOTE: ROLL PANS WE SELL ARE MADE TO BE BOLTED INTO PLACE. IF THAT SEAMLESS LOOK IS DESIRED, SPECIAL CARE MUST BE TAKEN WHEN WELDING SHEET METAL, AS NOT TO WARP PANELS. BE SURE TO GRIND AND CLEAN ALL WELDS BEFORE PRIMING AND PAINTING.



- LICENSE FLIP PLATE**
1. REMOVE LICENSE PLATE FROM ROLL PAN
 2. USING LICENSE SCREWS, attach BOTTOM HOLES TO ROLL PAN
 3. USING OTHER TWO SCREWS ATTACH LICENSE PLATE TO FLIP PLATE..