

FIG. 5

THE BELL CRANK CAN BE USED TO REDIRECT THE CONNECTOR ROD FROM A HORIZONTAL TO A VERTICAL MOTION. USE BUSHING WHERE THE BELL CRANK IS ATTACHED TO THE DOOR.

CONNECTOR CAN BE BENT  
SNAP ROD INTO PLASTIC ROD HOLDER

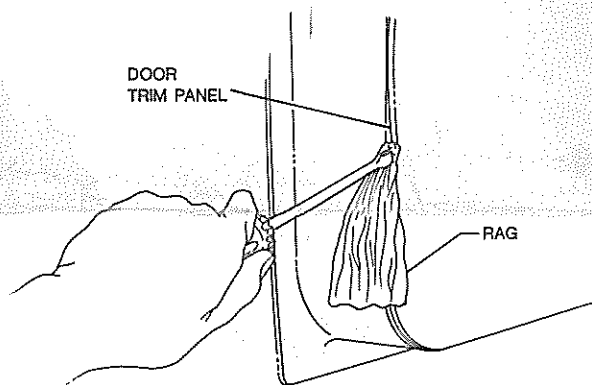
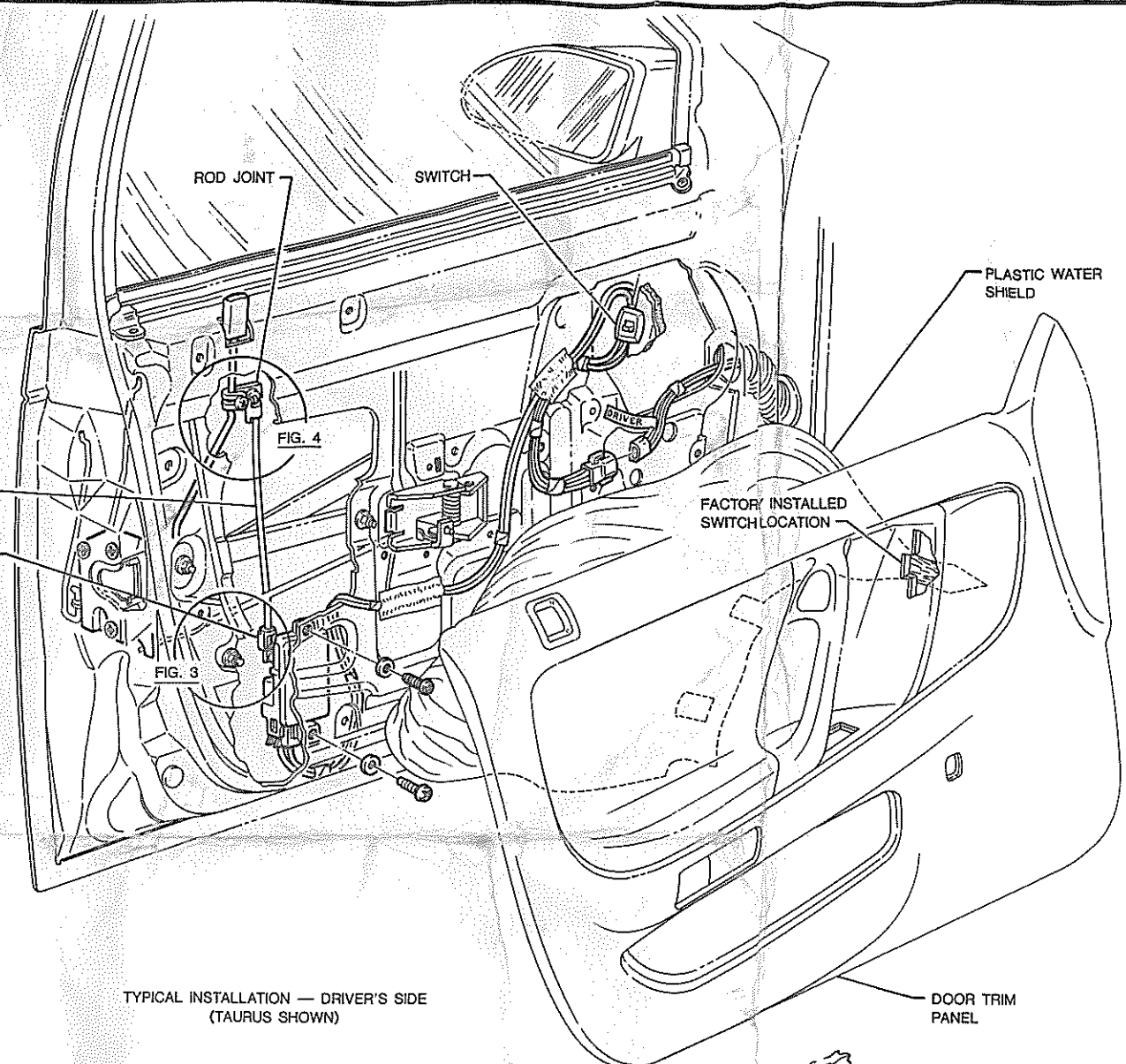


FIG. 2



TYPICAL INSTALLATION — DRIVER'S SIDE (TAURUS SHOWN)

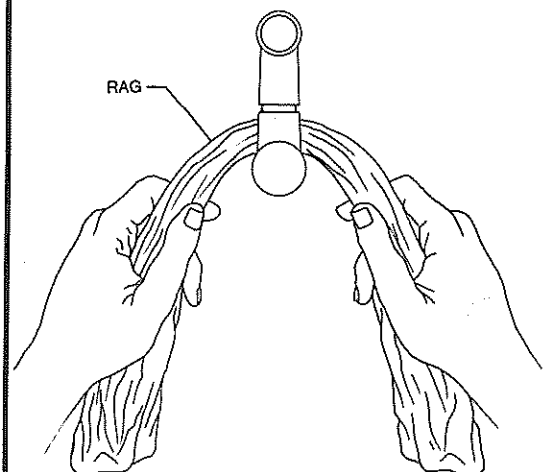


FIG. 1

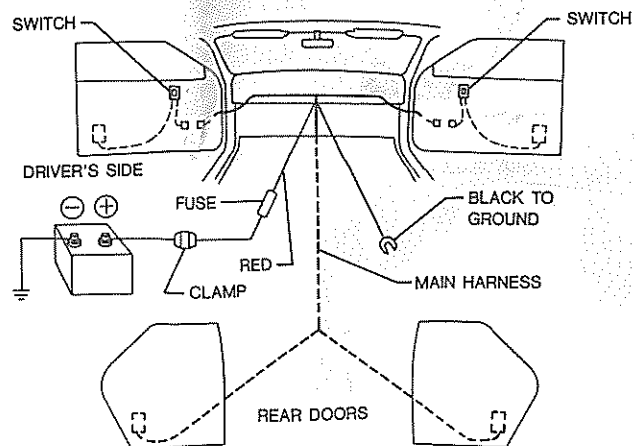
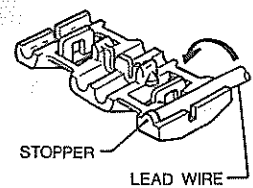


FIG. 8

DO NOT STRIP OFF SHEATHING



PASS THE LEAD WIRE THROUGH, FOLD THE CLAMP IN THE ARROW DIRECTION AND TIGHTLY SECURE THE CLAMP WITH PLIERS UNTIL THE CLAMP LOCKS.

FIG. 7

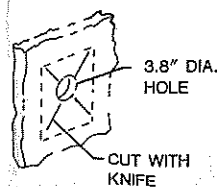


FIG. 6

**SWITCH INSTALLATION**

1. SELECT A CONVENIENT LOCATION ON THE DOOR PANEL FOR SWITCH MOUNTING. BE CERTAIN THE SWITCH LOCATION ON THE DOOR PANEL CORRESPONDS WITH AN OPENING IN THE DOOR FRAME SURFACE. CAREFULLY CUT THE OPENING IN THE DOOR PANEL, TAKING CARE NOT TO CUT THE OPENINGS TOO LARGE.

**NOTE:** RECOMMENDED CUT ON EXTERIOR FABRIC IS "X" SHAPED AS SHOWN IN FIGURE 6 CUT SHOULD NOT EXTEND BEYOND OUTER EDGE OF SWITCH.

2. SECURE THE SWITCH TO THE DOOR PANEL.

**WIRING PROCEDURE**

1. INSTALL THE MAIN HARNESS UNDER THE DASH WITH THE FRONT DOOR LOCK CONNECTORS PULLED THROUGH HOLES DRILLED IN EACH DOOR JAMB. ROUTE THE REST OF THE CONNECTORS BENEATH THE CARPETING TO THE REMAINING DOORS.
2. CONNECT THE RED LEAD WIRE DIRECTLY TO THE POWER SUPPLY. CLAMP THE LEAD WIRE AS INDICATED IN FIG. 7. THE BLACK LEAD WIRE IS THE GROUND. CONNECT IT TO ANY METALLIC PART OF THE CAR BODY WHICH IS GROUNDED.
3. ROUTE THE WIRE HARNESS TO THE SWITCH LOCATIONS AND CONNECT TO THE SWITCH (SEE FIG. 8). (DOTTED LINE INDICATES 4-DOOR INSTALLATION.)

**NOTE:** SECURE THE WIRE HARNESSES OUT OF THE WAY IN THE DOOR PANEL WITH THE PLASTIC BUNDLING STRAPS SO THEY REMAIN CLEAR OF NORMAL WINDOW OPERATION.

**TESTING:** CHECK TO SEE THAT THE CONTROL SWITCHES OPERATE THE WINDOWS IN THE SAME DIRECTION. IF THEY DO NOT, SIMPLY TURN THE SWITCH AROUND IN THE DOOR PANEL TO MAKE IT MOVE IN THE SAME DIRECTION AS THE OTHERS.

**KIT CONTENTS**

4 DR. QUANTITY	2 DR. QUANTITY	DESCRIPTION
2	1	ACTUATOR, RH — 80301 (WHITE, PASSENGER SIDE)
2	1	ACTUATOR, LH — 80291 (YELLOW, DRIVER SIDE)
1	1	SWITCH — DRIVER SIDE — 5 CONNECTOR
1	1	SWITCH — PASSENGER SIDE — 4 CONNECTOR
1	1	HARNESS, MAIN
4	2	ROD
1	1	CONNECTOR
24	12	SCREW, M6 X 25L
16	8	NUTS, M6
4	2	SCREW, M5 X 13L, PAN HD.
4	2	NUT, M5
8	4	BRACKET
4	2	ROD HOLDER
4	2	ROD JOINT
4	2	BRACKET (BELL CRANK)
4	2	BUSHING (CLIPS INTO BELL CRANK)
20	10	STRAPS, BUNDLING

**INSTALLATION INSTRUCTIONS**

**NOTE:** RAISE THE WINDOWS TO THEIR HIGHEST POSITION BEFORE BEGINNING THE INSTALLATION. THIS WILL GIVE YOU THE NECESSARY ROOM TO WORK IN THE DOOR CAVITY.

1. REMOVE THE WINDOW CRANK (SEE FIG. 1), ARMREST, ETC., FROM THE DOOR PANEL. IF A SPECIAL TOOL IS NOT AVAILABLE, WORK THE EDGE OF A RAG BETWEEN THE HANDLE AND THE DOOR PANEL. MOVE THE RAG BACK AND FORTH SLOWLY UNTIL IT CATCHES THE SPRING CLIP. REMOVE THE CLIP AND THEN THE HANDLE. WORKING AROUND THE EDGES, CAREFULLY PRY LOOSE THE PANEL (SEE FIG. 2). CHECK BEHIND THE PANEL AND DISCONNECT ANY WIRE LEADS, THEN REMOVE THE PANEL.
2. REMOVE THE PLASTIC SHEET BEHIND THE DOOR PANEL, TAKING CARE NOT TO TEAR IT. THIS SHEET WILL BE REINSTALLED DURING ASSEMBLY.

**ACTUATORS**

1. WITH THE DOOR PANEL REMOVED, LOCK AND UNLOCK THE DOOR SEVERAL TIMES, USING THE MANUAL LOCK KNOB. CHECK TO SEE WHETHER THE LOCK ROD MOVES VERTICALLY OR HORIZONTAL. ON MOST VEHICLES THE ROD MOVES VERTICALLY.
2. FIND AND MARK A SUITABLE MOUNTING LOCATION FOR THE ACTUATOR. BE SURE THAT ONCE THE ACTUATOR IS MOUNTED, IT DOES NOT INTERFERE WITH NORMAL WINDOW OPERATION.

**NOTE:** YELLOW LABELED ACTUATOR WILL BE USED ON DRIVER SIDE OF VEHICLE.

3. MARK A POSITION ON THE LOCK ROD WHERE THE ACTUATOR CONNECTOR ROD WILL BE COUPLED.
4. SNAP THE CONNECTOR ROD INTO THE ROD HOLDER OF THE ACTUATOR (SEE FIG. 3).
5. USING THE FASTENERS SUPPLIED WITH THE KIT, MOUNT THE ACTUATORS IN THEIR PREDETERMINED LOCATIONS. MOUNT THE ACTUATORS SO THE DIRECTION OF THE MOTOR ARM MATCHES THE DIRECTION OF THE LOCK ROD (REFER TO STEP 1). THE BRACKET CAN BE CUT OR BENT IF NECESSARY.

**NOTE:** LOWER THE WINDOW AND CHECK ONCE AGAIN TO SEE THAT THE DOOR LOCK MECHANISM DOESN'T INTERFERE WITH NORMAL WINDOW OPERATION.

6. USING THE ROD JOINT, COUPLE THE CONNECTOR ROD TO THE LOCK ROD (SEE FIG. 4). THE CONNECTOR ROD CAN BE BENT OR CUT TO ACCOMMODATE A PROPER FIT.

**NOTE:** IN SOME VEHICLES WITH HORIZONTAL LOCK ROD MOTION, ACTUATOR MOUNTING CLEARANCE MAY BE LIMITED. IF THIS IS THE CASE, MOUNT THE ACTUATOR VERTICALLY ELSEWHERE IN THE DOOR AND USE THE SUPPLIED BELL CRANK TO REDIRECT THE LOCK ROD INTO A HORIZONTAL MOTION (SEE FIG. 5).



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SHEET 1 OF 1

POWER DOOR LOCK KIT  
(SWITCH ACTIVATED)