



Specialty Power Windows®

INSTALLING PART # 4648FDCV IN 46 TO 48 FORD CONVERTIBLES

1. REMOVE ALL INNER DOOR HANDLES, WINDOW HANDLES, AND TRIM PADS.
2. REMOVE OLD WINDOW REGULATOR. THIS IS EASIEST TO DO BY REMOVING VENT GLASS ASSEMBLY.
3. REMOVE DOOR GLASS. NOW IS A GOOD TIME TO INSTALL NEW WINDOW FELTS, DIVISION BAR FELT, AND DUST BELTS.
4. INSTALL ADAPTER CENTERED ONTO EXISTING LOWER CHANNEL OF WINDOW GLASS. DRILL TWO 3/16" HOLES IN NEW ADAPTER INTO OLD CHANNEL. NUT WILL BE IN CHANNEL WHERE THE ROLLER USED TO BE. SEE DIAGRAM PG 3.
5. REMOVE LOWER 7 MM BOLT ON BOTTOM OF REGULATOR AND ATTACH MOUNTING BRACKET LOOSELY TO REGULATOR, FINAL TIGHTENING WILL BE DONE AFTER ADJUSTMENTS.
6. CUT A RELIEF HOLE FOR THE SWITCH WHERE CRANK STUD USED TO PROTRUDE THROUGH.
7. DRILL A 5/16" HOLE AT LOCATION "A" AS SHOWN IN FIG # 2. THIS HOLE SHOULD BE 14 5/8" FROM REAR EDGE OF THE DOOR AND 5" DOWN FROM TOP EDGE OF THE DOOR.
DRILL A 5/16" HOLE AT LOCATION "B" SHOWN IN FIG # 2. THIS HOLE SHOULD BE 13" FROM THE REAR EDGE OF THE DOOR AND 23" DOWN FROM THE TOP EDGE OF THE DOOR.
8. ASSEMBLE LIFT BAR ASSEMBLIES SEE DIAGRAM PG 3.
9. INSTALL FRONT REGULATORS IN DOORS AND ATTACH LIFT BAR ASSEMBLIES TO GUIDE BARS AND WINDOW ADAPTERS, AS SHOWN IN PICTURE #1.
10. ADJUST AS NEEDED AND TIGHTEN ALL BOLTS SECURELY.

INSTALLING REAR REGULATORS IN CAR:

1. REMOVE OLD WINDOW REGULATOR.
2. REMOVE THE CONVERTIBLE TOP BOW AND RAIL ASSY.
3. REMOVE THE MOUNTING PLATE FOR THE WINDOW REGULATOR & CONVERTIBLE TOP RAIL ASSY.
4. NOW IS A GOOD TIME TO REPLACE OR REPAIR THE GLASS OR WINDOW OR THE WINDOW PIVOT PARTS IF NEEDED. ALSO BE SURE TO CHECK THE WEATHER STRIP FOR THE SIDE WINDOW.

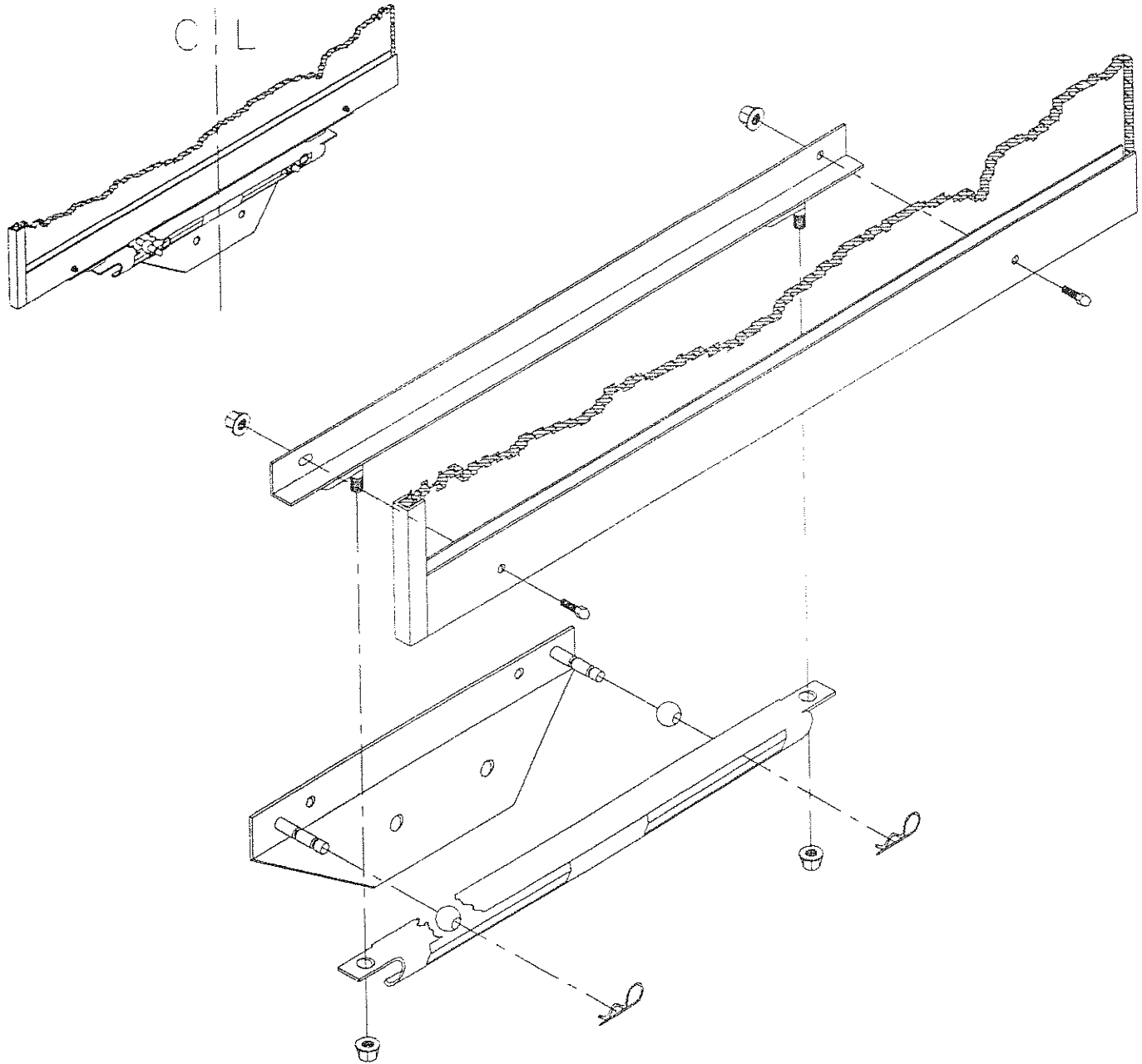
5. CUT OUT TEMPLATE PROVIDED AND PLACE ON MOUNTING PLATE. DRAW A LINE ON THE INSIDE EDGES OF TEMPLATE TO SHOW WHAT METAL NEEDS TO BE REMOVED FROM ORIGINAL MOUNTING PLATE. PLACE THE BRACKET PROVIDED IN WINDOW KIT ON TOP OF MOUNTING PLATE AND ALIGN TWO HOLES ON EDGE OF PLATE. BOLT BRACKET IN PLACE, THEN WELD. SHOWN TACK WELDED IN FIG # 3.
6. RE-INSTALL THE ORIGINAL MOUNTING PLATE.
7. INSTALL THE REAR REGULATOR ON MOUNTING BRACKET AND ATTACH TO PIN ON WINDOW FRAME.
8. TAKE CONVERTIBLE BOW AND RAIL ASSY AND MEASURE 1/2" DOWN FROM BOTTOM EDGE OF RAIL ASSY ON THE OVER CENTER SPRING ATTACHING BRACKET. CUT OFF BRACKET AND WELD NEW BRACKET IN PLACE, BUTTING IT UP AGAINST THE RAIL ASSY. SHOWN TACK WELDED IN FIG # 4.
9. RE-INSTALL THE BOW AND RAIL ASSY.
10. WITH BOTH DOORS COMPLETELY OPEN LOOK ACROSS THE BODY OF THE CAR TO THE OTHER DOOR AND SEE WHAT PART OF THE DOOR EXTENDS THE FURTHEREST FROM THE HINGE PILLAR. THIS IS THE AREA YOU WILL WANT TO INSTALL YOUR FLEXIBLE WIRE CONDUIT.
11. HOLD THE NYLON BUSHING FOR THE FWC (FLEXIBLE WIRE CONDUIT). AGAINST THIS PART OF THE DOOR. SCRIBE A CIRCLE AROUND THE FLANGE OF THE BUSHING. NOW DRILL A SMALL HOLE IN THE CENTER OF THIS CIRCLE. SCREW A SMALL SHEET METAL SCREW INTO THIS HOLE, BUT LEAVE ABOUT 1" STICKING OUT. NOW SLOWLY CLOSE THE DOOR UNTIL THIS SCREW MARKS A SPOT ON THE HINGE PILLAR. DRILL A PILOT HOLE AT THIS MARK. THE TWO PILOT HOLES SHOULD BE IN LINE WHEN THE DOOR IS CLOSED.
12. NOW USE A HOLE SAW AND DRILL A 3/4" HOLE IN THE HINGE PILLAR AT THE PILOT HOLE.
13. NOW USE A HOLE SAW AND DRILL A 7/8" HOLE IN THE FRONT EDGE OF DOOR AT THE PILOT HOLE. TAKE A ROUND FILE OR A MOUNTED STONE AND ENLARGE HOLE SO THAT THE NYLON BUSHING WILL GO ABOUT HALF WAY IN. DO NOT INSTALL BUSHING YET.
14. INSTALL THE RUBBER GROMMET PART OF THE FWC IN HINGE PILLAR. INSTALL NYLON BUSHING IN FRONT EDGE OF DOOR. THE BUSHING SHOULD FIT TIGHT ENOUGH TO HAVE TO BE TAPPED IN.
15. PUT LIGHT LUBE ON THE END OF POLISHED CONDUIT. PUSH WHILE TWISTING TO INSTALL THIS PART INTO RUBBER GROMMET ON THE HINGE PILLAR. INSTALL CONDUIT SO ABOUT 1/2" STICKS THROUGH RUBBER GROMMET. THE OTHER END OF POLISHED CONDUIT SLIDES IN AND OUT OF NYLON BUSHING IN FRONT EDGE OF DOOR.
16. INSTALLLL SWITCHES IN DESIRED LOCATION AND CONNECT WIRING AS PER WIRE DIAGRAM.
17. REPLACE ALL TRIM PADS, DOOR & VENT WINDOW HANDLES.



SPECIALTY POWER WINDOWS®

LIFTBAR ASSEMBLY FOR 1946-48

FORD CONVERTIBLES



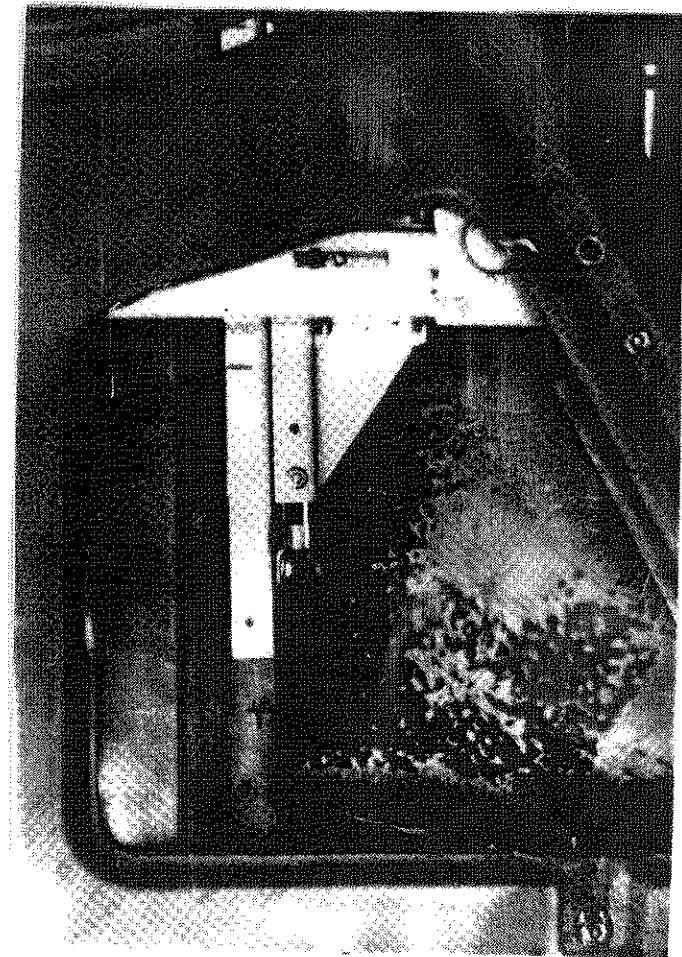


FIG. # 1

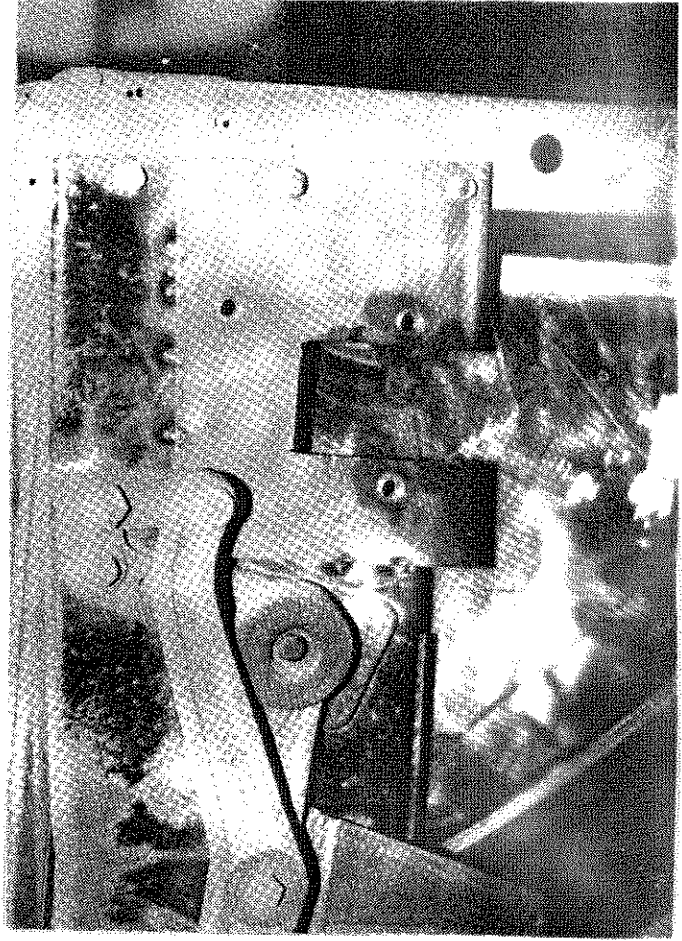


FIG. # 3

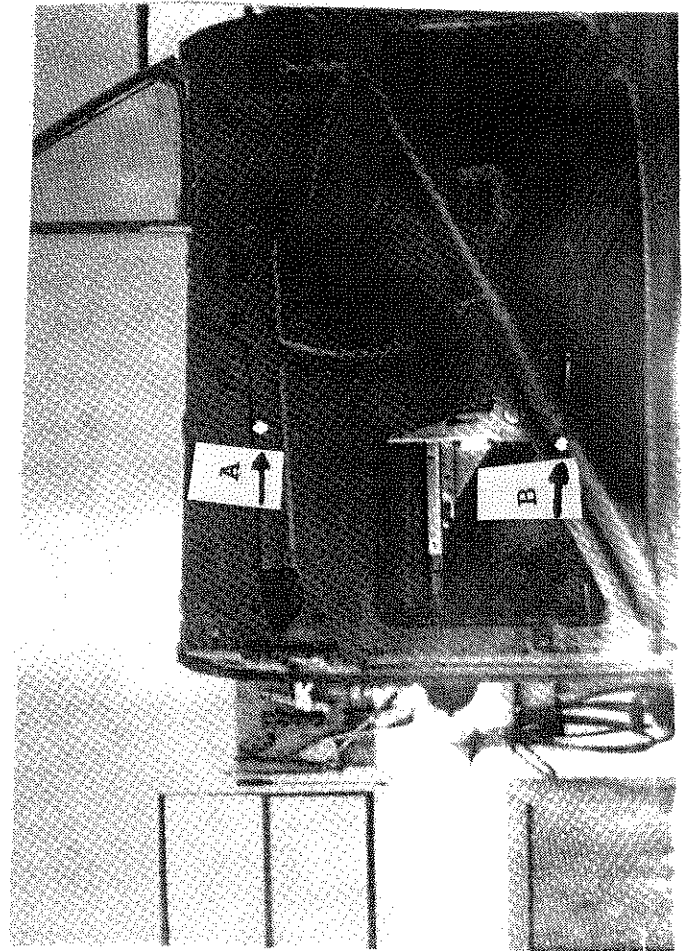


FIG. # 2

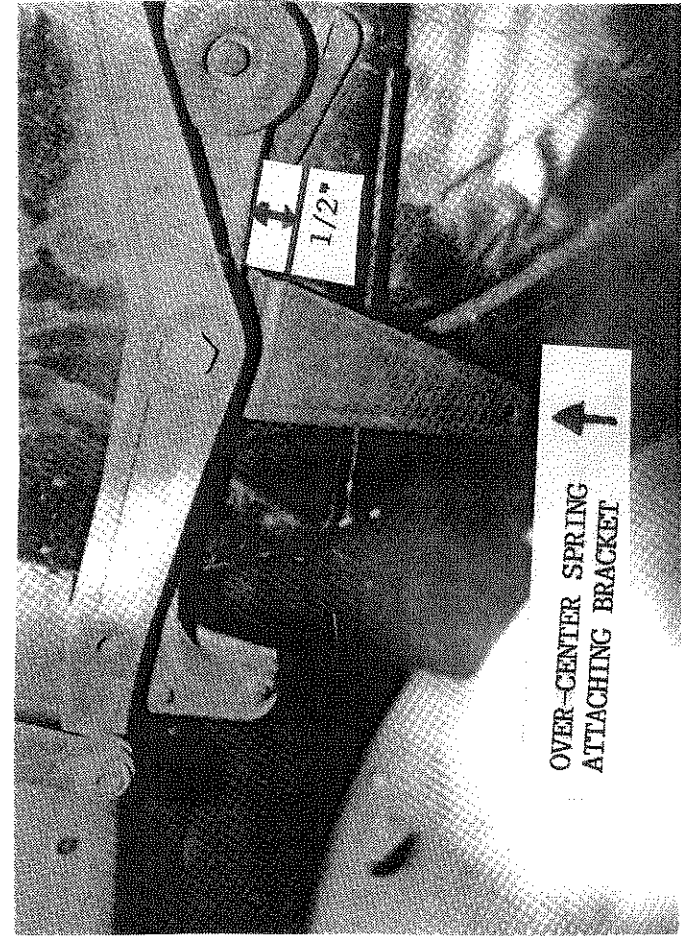


FIG. # 4

Things to do when installing window regulators. These things apply to **ALL** regulators, whether they are manual or power.

Before installing regulator:

1. Check to be sure glass moves up and down freely in felt run channels. Check front to rear movement. There should be very little movement front to rear.

If glass seems to be slightly snug try powdered graphite in felt channel. Do not use oil type lubricant in felts because it will collect dust and dirt.

If the glass will still not move up and down freely, check the run channels in door and be sure they are perpendicular to each other.

If run channel is right and graphite powder didn't do the trick, remove glass and take it to a local glass shop and have them run the edge of the glass over their belt sander a couple of times.

Don't over do it.

2. Before installing the regulator use a light to medium lubricant (not axle or wheel bearing grease) and lubricate **ALL** pivot points, roller or slide channels, (If channel is rusty remove first). Lubricate rollers, slides, counter balance spring and gear teeth.
3. On power regulators make sure motors are securely mounted.
4. Install regulator and make sure all bolts holding regulator and mounting are tight.
5. Check operation of regulator slowly the first time and look for any possible interference with the other parts of the door (door pull straps, etc.). This check should be done before installing trim panel.

Specialty Power Windows®

WIRING FOR FOUR WINDOWS

LEFT FRONT

WINDOW LIFT MOTORS

DELCO O.E. 22062528

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