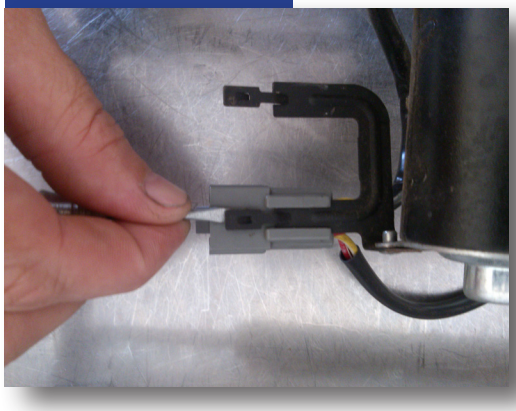
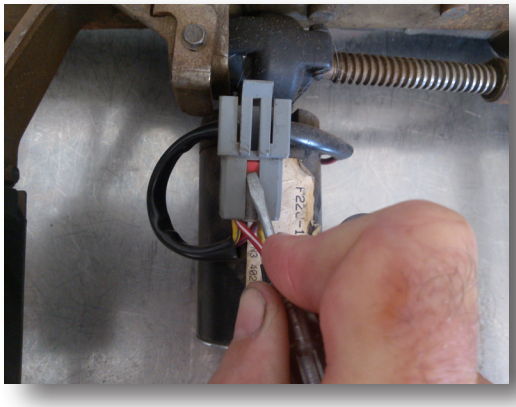
MUSTANG

Up/Down Motor Replacement

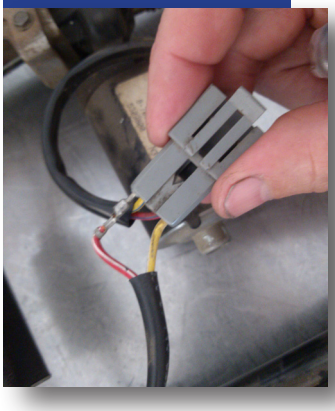
STEP 1

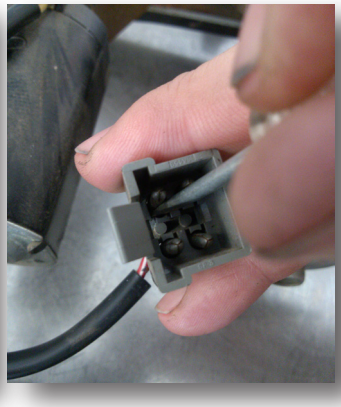




Lift up the metal tab to disengage the locking mechanism. Then push out the red lock block from the gray connector.

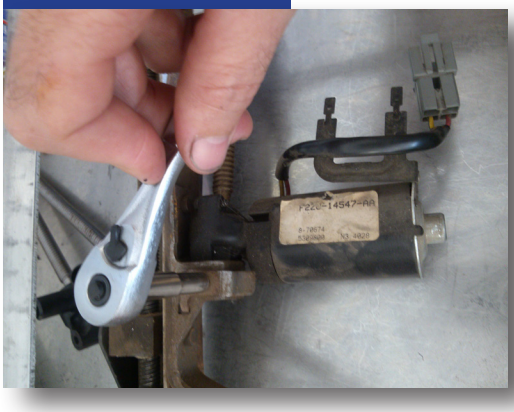
STEP 2





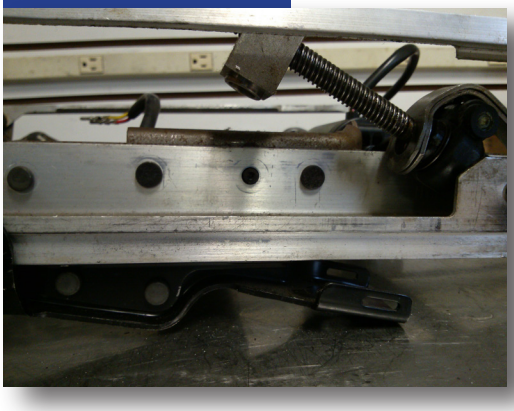
Gently lift the locking prongs and pull the connectors out the back of the connector as shown.

STEP 3



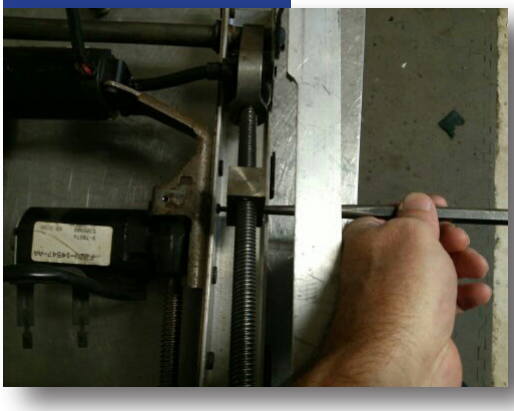
Remove the ¼” head bolt and lift off the L-shaped bracket.

STEP 4



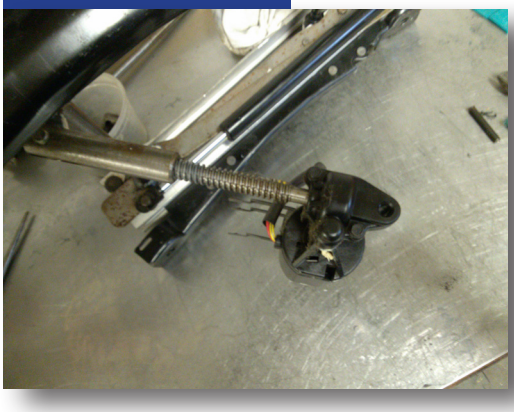
Remove the T45 torx head bolt holding the forward/backward slide bracket to the threaded block. Lift the threaded shaft up to get clearance to the roll pin end protruding into the forward/backward shaft channel.

STEP 5



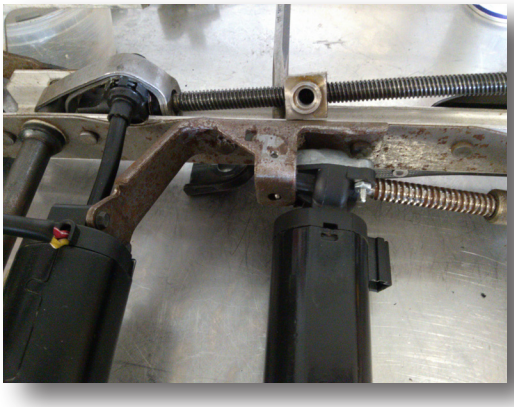
Use a long punch and drive the roll pin out. Once the roll pin is out, the seat frame will fully extend in the up position.

STEP 6



Unscrew the old motor and shaft assembly from the tube nut. Screw the new motor back into the tube nut about the same number of turns needed to remove it. Twelve full turns in will work.

STEP 7



Use a long screwdriver or pry bar, push downward to help compress the gas cylinder. Align the mounting holes and insert a ¼" bolt or similar object to hold the new motor in the correct mounting position.

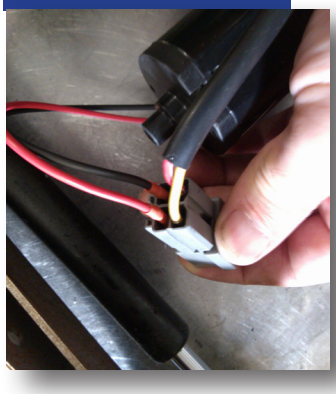
STEP 8

Use a hammer and long punch to drive the roll pin back into the seat frame. Let the roll pin push out whatever holding mechanism you used in step 7. Do not hit the roll pin directly with the hammer. Trying to hammer the roll pin directly will result in accidental strikes to the motor housing and possibly damaging it.

STEP 9

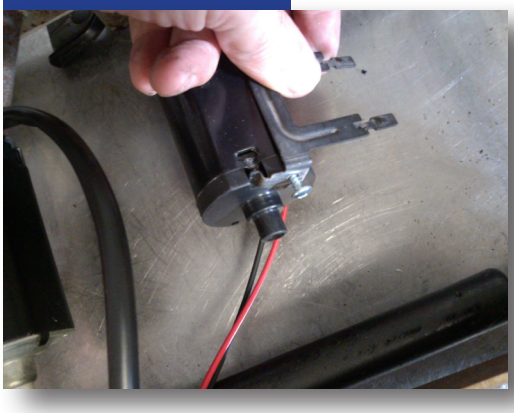
Put the L-bracket *(taken off in step 3)* back on and secure with the ¼" head screw.

STEP 10



The black wiring harness protective sleeve on the old motor can be reused on the new pigtail harness supplied. Insert the wires into the sleeve. Doing one at a time is easier than trying to put both wires into the sleeve together. Insert the black and red wires from the supplied pigtail back into the gray connector as shown. They should snap into place. Reinsert the red lock block into the connector. It will only fit one way, so look into the gray connector and the shape of the red block to determine how it goes.

STEP 11



Drill out or grind off the rivet holding the three pronged bracket to the old motor. Install the pronged bracket onto the new motor as shown and secure with the supplied screw. Slide the grey connector back onto the prong.

STEP 12

The motor will struggle to lower the seat assembly without any weight pushing downwards. The power seat assembly is designed to have weight pushing downwards, which helps the motor compress the gas cylinder. When the motor has to lift body weight upwards, the gas cylinder assists the motor to lift the driver up.

STEP 13

Reinstall the assembly back into your car.

Please contact me at **rustyhubgarage@gmail.com** with any issues.