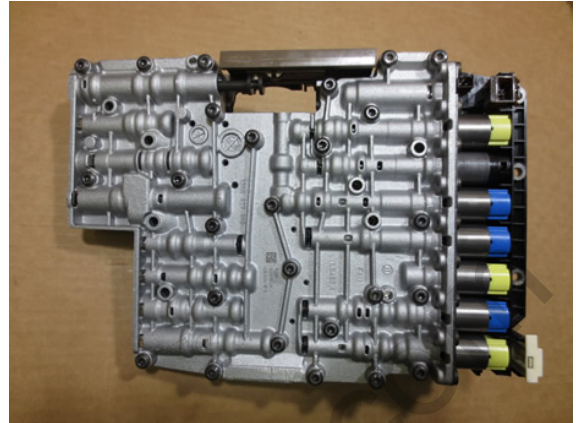
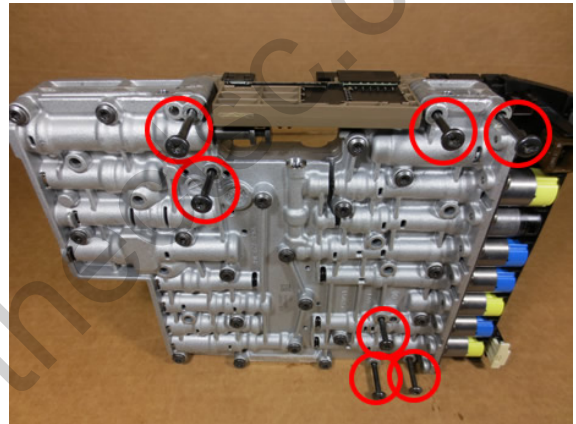


Solenoid Replacement Instructions

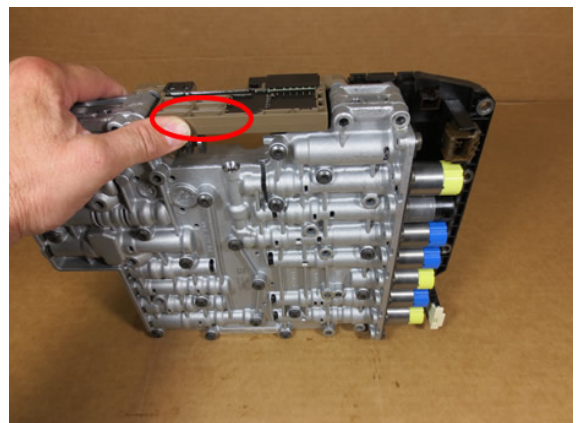
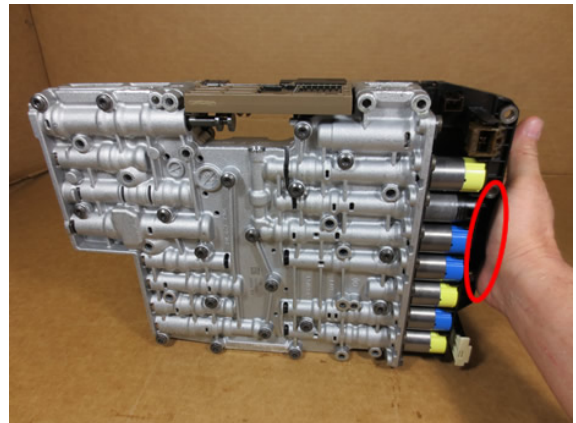
Place the mechatronic on a clean surface.



Stand the mechatronic up on its side as shown and remove the 7 screws indicated by the red circles.

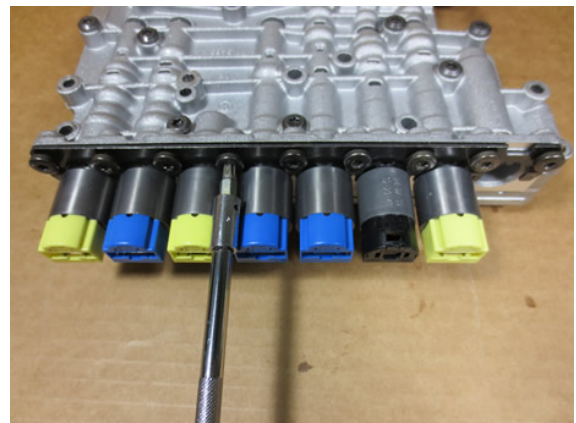
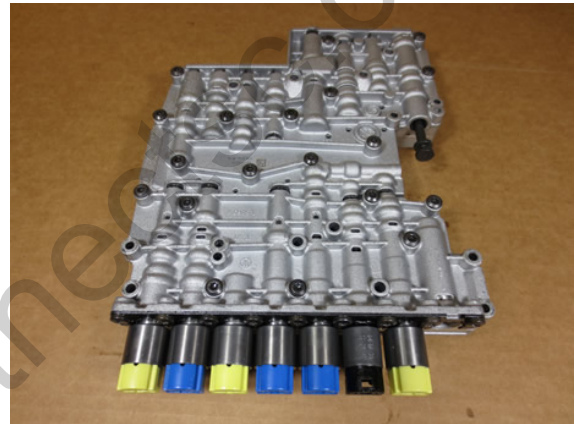
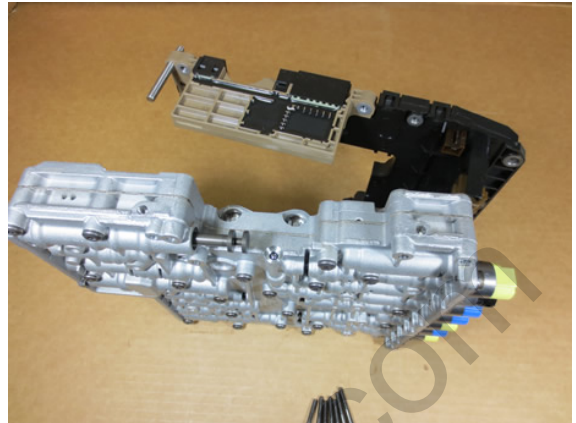


Tap the black plastic housing in the areas shown to separate it from the mechatronic. You might have to alternate between the two locations since there are two dowel pins that hold-align the housing in place.



Solenoid Replacement Instructions

Separate the black plastic housing from the aluminum portion of the mechatronic. Place the housing in front of you as shown.



Remove the solenoid bracket screws and bracket.

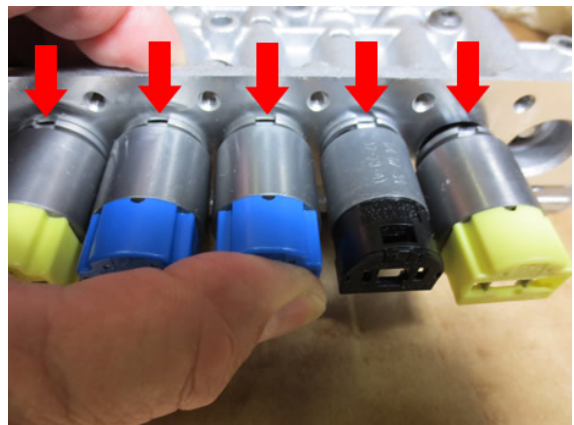


Solenoid Replacement Instructions

Carefully remove the solenoids with a screw driver as shown. Place the solenoids on the table in the same sequence as you remove them. The solenoids have different diameters and can actually not be installed in an incorrect position, it just makes it easier.



Unpack the new solenoids, follow the color sequence of the old solenoids and push the new ones into place. You might have to slightly wiggle the solenoid to be able to push it into place. Install the solenoids with the notch facing up as shown. The notch in the solenoid needs to line up with the tab of the solenoid bracket. **NOTE:** Depending on the build date of your mechatronic, you might have yellow and green solenoids. The green solenoids are replaced by the blue ones.

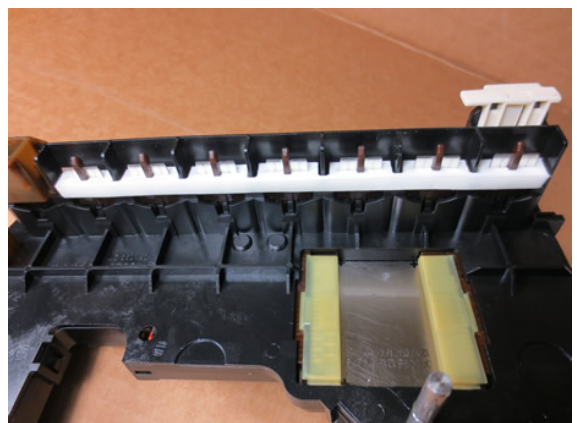


Solenoid Replacement Instructions

Reinstall the solenoid bracket and install all screws by hand, torque the screws to 5 Nm. Turn the mechatronic housing and place it in front of you as shown.

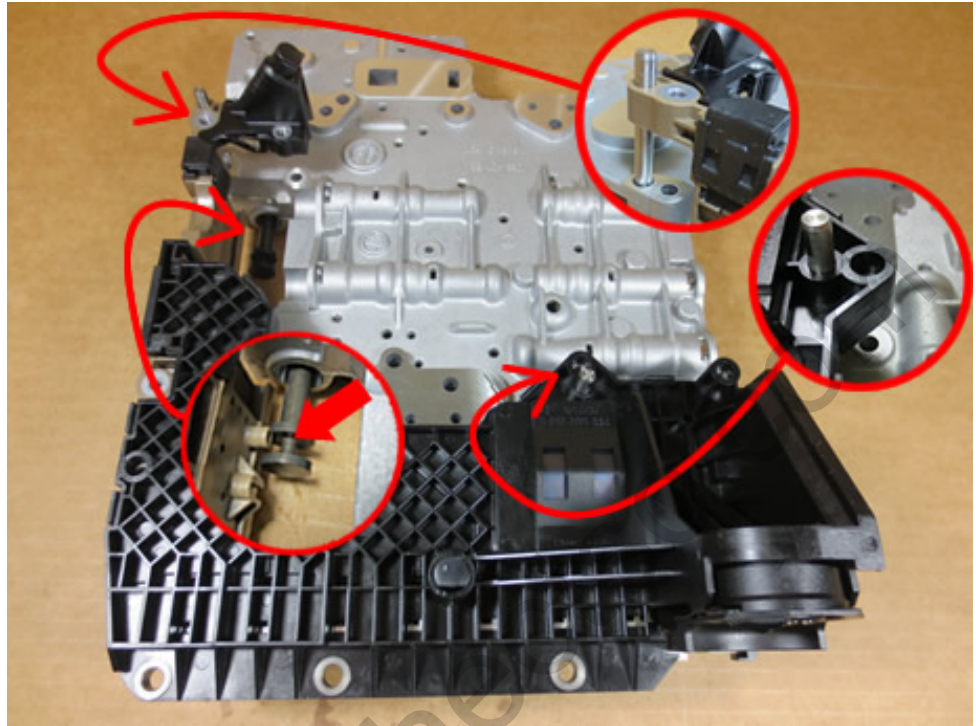


Install the foam strip as shown.

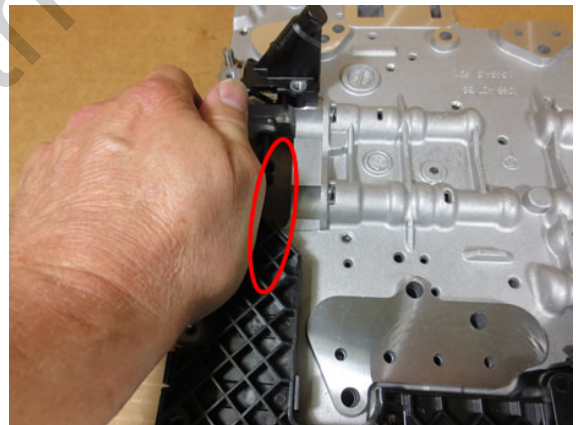


Solenoid Replacement Instructions

Place the black plastic housing onto the aluminum portion of the mechatronic. There are two dowel pins that need to be aligned. Also when placing the housing ensure the manual valve is lined up with the position slider switch.



Carefully tap on the plastic housing as shown to seat it properly onto the aluminum portion.



Solenoid Replacement Instructions

Insert and hand tighten the seven screws that hold the black plastic housing in place. Double check that the manual valve is properly engaged into the position slider switch and that the valve is moving freely.

Torque the seven mounting screws to 5 Nm. You now have successfully replaced the mechatronic solenoids and are ready to reinstall the mechatronic.

