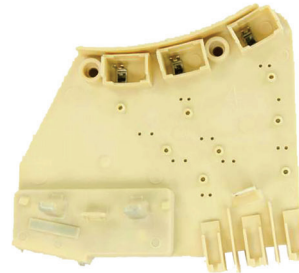


LP0098A - CAN REPLACE DC31-00098

TO AVOID THE RISK OF ELECTRICAL SHOCK, PERSONAL INJURY; DISCONNECT ELECTRICAL POWER BEFORE SERVICING

The function of the Rotor position sensor is to communicate with the washing machine control so the control knows what the motor is doing.



Disconnect power before servicing equipment.

Old Sensor Removal

1. Unplug power cord from outlet.
2. Turn off water (hot and cold) and disconnect hoses.
3. Remove rear access panel.
4. Lock motor hub with a screw driver. Insert it into one of the 3 holes located next to the 19mm bolt in the center of the stator assembly hub. Slowly rotate the hub until the screwdriver locks in place. Once the screwdriver is in place, use a socket wrench to remove the 19mm bolt.
5. After removing the bolt, gently rock the stator assembly hub back and forth and pull to remove it from the center spline.
6. Remove two wire harnesses by pressing connector tabs then pulling plastic connector housings off.
7. Use 10mm socket wrench to remove (6) bolts from hub face.
8. After removing bolts, remove the stator and place it on the front to gain access to the sensor.
9. Remove (2) Philip screws and detach the sensor from the stator.
There are two locking tabs on the outside of the sensor. Use a small flat screwdriver to open the tabs before removing the sensor.

New Sensor Installation

1. Press the three connectors of the new sensor into the stator, then press the sensor outside against the stator so the clips snap into place.
2. Re-Insert the Philip screws into the sensor and tighten to the stator.
3. Place the stator back in the washer. Make sure to line up the stator using the three locating pins in the washer. There are corresponding holes in the stator.
4. Hold the stator in place and re-attach using the (6) 10mm bolts.
5. Plug wire harnesses back in place. Make sure the tabs snap into place so the connectors cannot come loose.
6. Place motor hub back on shaft. Make sure splines line up.
7. Before reattaching the 19mm bolt, **use thread lock to ensure the bolt doesn't come loose** while the washer is operating.
8. Lock motor hub with a screw driver. Insert it into one of the 3 holes located next to the 19mm bolt in the center of the stator assembly hub. Slowly rotate the hub until the screwdriver locks in place. Once the screwdriver is in place, use a socket wrench to tighten the 19mm bolt.
9. Attach the rear panel.
10. Reconnect hoses and turn on water (hot and cold)
11. Connect power.