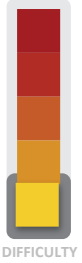




Installation Instructions

PART NUMBER	158-8404	
PART DESCRIPTION	24V CLEANER PUMP MOTOR	
REV DATE	4/20/2020	
MACHINE MODELS	ALL MACHINES WITH 24V CLEANER PUMP MOTOR	

TOOLS NEEDED	PARTS
Phillips Screwdriver Dykes/Side Cutter Rags 3/8" Wrench	(1) 158-8404 24V Cleaner Pump Motor
TECHNICAL NOTE	
Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop, and contact our Tech Support department at the numbers listed below.	

STEPS

1. Disconnect power set the machine down in the operating position.
2. Unplug the existing cleaner pump motor from the machine harness.
3. Place a rag under the connections for the tubing and unplug the Norprene tubing in the pump from the cleaner hoses. It is important to make note of which fittings of the Norprene tubing go into the specific connections.
4. Use a Phillips screwdriver to remove the four cleaner pump mounting screws and remove the motor from the lane machine.
5. Remove the four screws that mount the potentiometer plate to the Master Flex pump. Pull the plate and pump off the front of the motor.
6. Use a Phillips screwdriver and a 3/8" wrench to remove the four screws that mount the motor to the motor mounting bracket.



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7. Mount the new replacement motor on the bracket using the four screws. Make sure to mount the motor in the same direction as the old motor was mounted.
8. Install the Master Flex pump onto the new motor. Make sure the slot that is in the motor shaft lines up with the pump shaft.
9. Place the potentiometer plate on the pump and using the four screws removed in step #6, secure the plate and pump to the new motor.
10. Secure the motor to the inside of the front wall using the four screws removed in step #4.
11. Plug the Norprene tubing fittings back into the cleaner hoses, making sure the correct hoses match up with each other as indicated in step #3.
12. Plug the motor into the machine harness wiring.
13. Apply power to the machine and using the cleaner pump calibration test, check for proper cleaner pump operation and cleaner volume output. Adjust as necessary.