(20)- (MAYTAG) TOP LOAD WASHER **ONE SPEED MOTOR #201805.**

MAYTAG® INSTALLATION INSTRUCTIONS

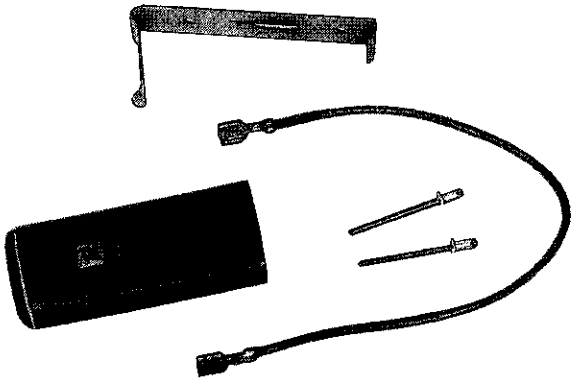
REPAIR PART NO.: **2-1805**

DESCRIPTION: **ONE SPEED MOTOR**

GENERAL

Any of the following can cause a motor to not spin or agitate properly. Therefore, before assuming a motor needs to be replaced, the following areas should all be checked and the appropriate service done.

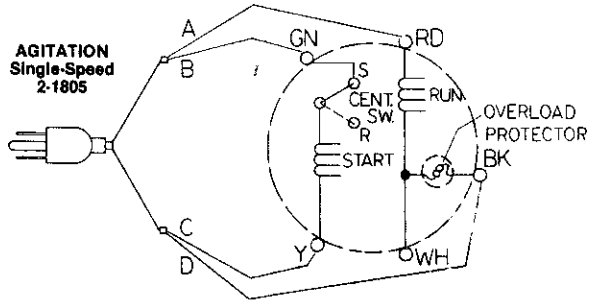
1. Clean and lubricate the motor carriage. The motor carriage should be lubricated with Maytag Poly Lube Grease, Part No. 2-4999 or 2-3959.
2. Check for a broken or missing motor carriage roller(s). If a roller is broken, a 2-5000 motor roller repair kit should be used.
3. The Maytag washer is designed to operate on an individual 15 amp branch circuit supplying 120 volts, 60 Hz current. If the lights dim in a customer's home when the washer begins to spin, this usually indicates a voltage problem. If the voltage is between 100 and 110 volts when the washer begins to spin, installing a 2-6103 start capacitor in series with the start winding will provide additional starting torque. This additional torque allows the motor to move from the start winding to the run winding without the motor overheating and tripping on the overload protector. If the voltage is below 100 volts, contact an electrician.

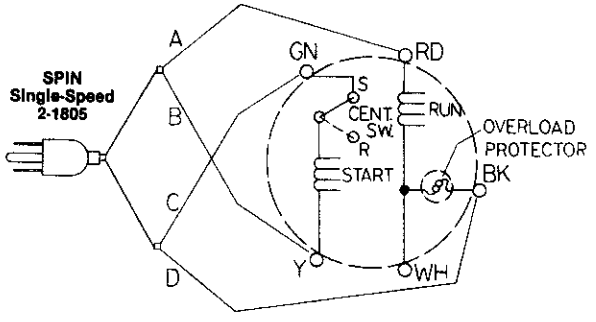


2-6103 CAPACITOR KIT

ELECTRICAL CHECKS

To check the motor, use a 38183 motor test cord as shown in the following drawings. If the motor will not operate when properly connected to the test cord, the motor will need to be replaced.





REMOVAL AND INSTALLATION

Removal and installation procedures can be found in the service manual for the washer being serviced.

Form No.: 286VA-0182

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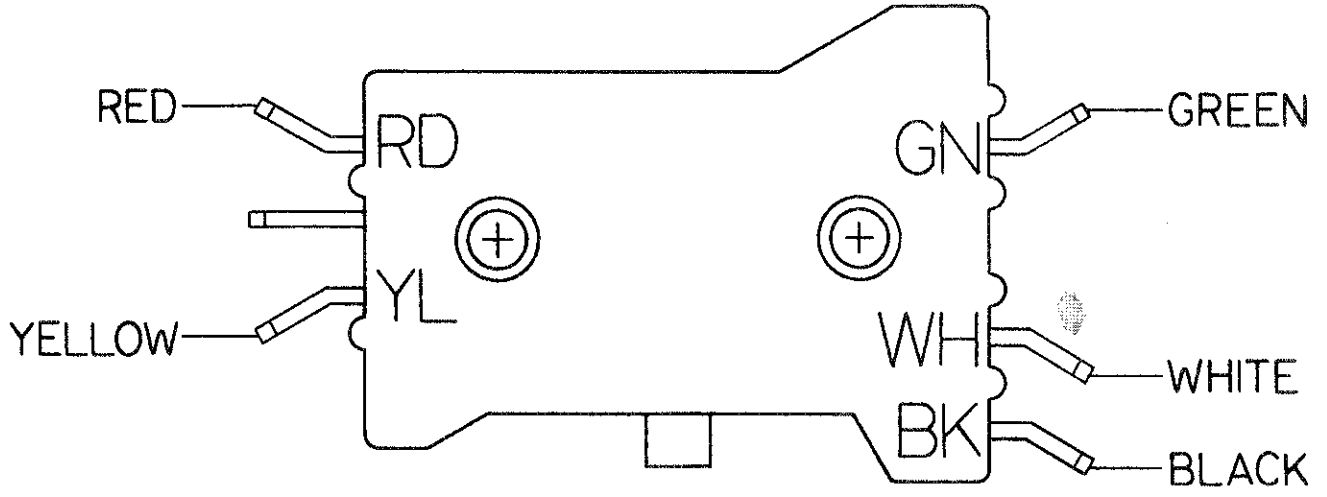
2-14695

WIRING INSTRUCTIONS

To attach the wire harness to the motor, match the colors of the wire harness to the corresponding motor terminal color coding.



The above procedure can be used on all one speed washers except for the 132 and 132S. Below is the wire harness hookup for the 132 and 132S.

WIRE HARNESS COLORING	MOTOR TERMINAL COLOR CODING
Green	White
White	Black
Brown	Green
Red	Yellow
Yellow	Red

MOTOR SHIELD

If the motor being replaced does not have a plastic motor shield, one should be obtained and installed. WARNING: Failure to install a motor shield can result in an electrical short and possible hazard due to electrical shock.