

WIRING INSTRUCTIONS FOR CRAFTSMAN NO. 2018 REVERSING SWITCH FOR USE WITH CRAFTSMAN MOTORS

HOW TO ORDER REPAIR PARTS

All parts listed herein may be ordered through SEARS, ROEBUCK AND CO. or SIMPSONS-SEARS LIMITED. When ordering parts by mail from the mail order house which serves the territory in which you live, selling prices will be furnished on request or parts will be shipped at prevailing prices and you will be billed accordingly.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST:

1. The PART NUMBER.
2. The PART NAME.
3. The MODEL NUMBER
4. The NAME of item

COAST TO COAST NATION-WIDE SERVICE FROM SEARS FOR YOUR CRAFTSMAN SWITCH



SEARS, ROEBUCK AND CO. and SIMPSONS-SEARS LIMITED in Canada back up your investment with quick, expert mechanical service and genuine CRAFTSMAN replacement parts.

If and when you need repairs or service, call on us to protect your investment in this fine piece of equipment.

**SEARS, ROEBUCK AND CO.— U. S. A.
IN CANADA, SIMPSONS - SEARS LIMITED**

WIRING INSTRUCTIONS FOR CRAFTSMAN NO. 2018 REVERSING SWITCH FOR USE WITH CRAFTSMAN MOTORS

This Craftsman Reversing Switch is used to reverse rotation of any of the Sears Motors listed in the connection diagrams shown on this sheet. The Reversing Switch is shipped complete with an attached

line cord and service cord for connecting to motor leads. The motor service cord may be cut to any length desired, depending upon the distance from the switch mounting location and the motor to which it is connected.

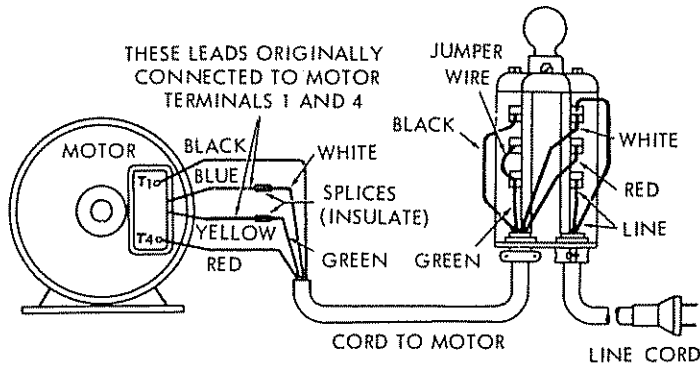
115 VOLT WIRING HOOK-UP SEARS MOTOR CATALOG NOS. 1905, 1934, 1935, 19669, 1210, 1211, 1212, 1214

This figure shows the Reversing Switch connections as they are made at the factory. The following routine should be carried out when connecting the switch to the motor for which it was purchased:

1. Locate the catalog number of the motor on the nameplate.
2. Locate the catalog number of the motor in one of the diagrams on this instruction sheet.
3. Connect the Reversing Switch to the motor in accordance with the particular diagram on which the motor catalog number appears.

NOTE: When reversing motor rotation, always allow the motor shaft to come to a complete stop before actuating the Reversing Switch.

If motor rotation does not correspond to switch notations, interchange blue and yellow motor leads where they are spliced to white and green leads from the reversing switch.

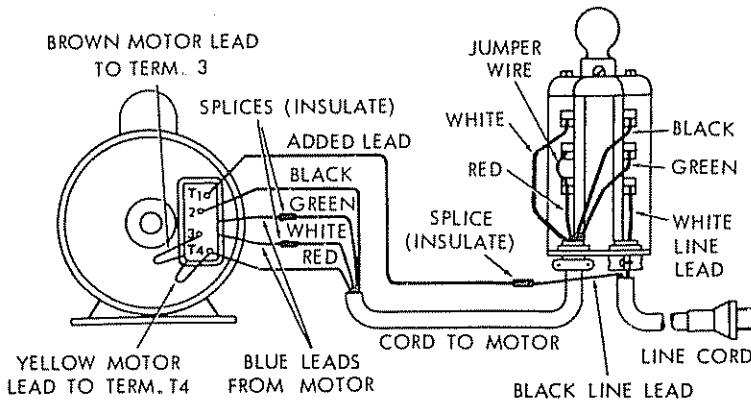


NOTE: THIS ILLUSTRATION SHOWS SWITCH AS IT IS WIRED AT THE FACTORY

115 VOLT WIRING HOOK-UP SEARS MOTOR CATALOG NOS. 1965, 19659, 1970, 19875, 1973, 1974

Added lead from motor terminal "T₁" to black lead from line cord should be No. 18 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

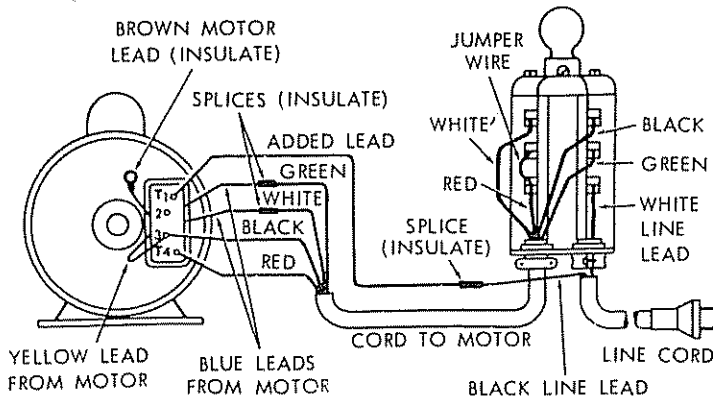
If motor rotation does not correspond to switch notations, interchange blue motor leads where they are spliced to white and green leads from reversing switch.



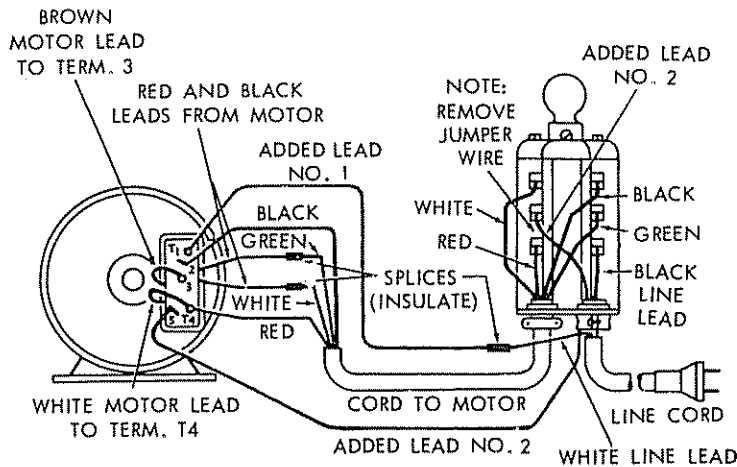
230 VOLT WIRING HOOK-UP SEARS MOTOR CATALOG NOS. 1965, 19659, 1970, 19875, 1973, 1974

Added lead from motor terminal "T₁" to black lead from line cord should be No. 18 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange blue motor leads where they are spliced to white and green leads from reversing switch.



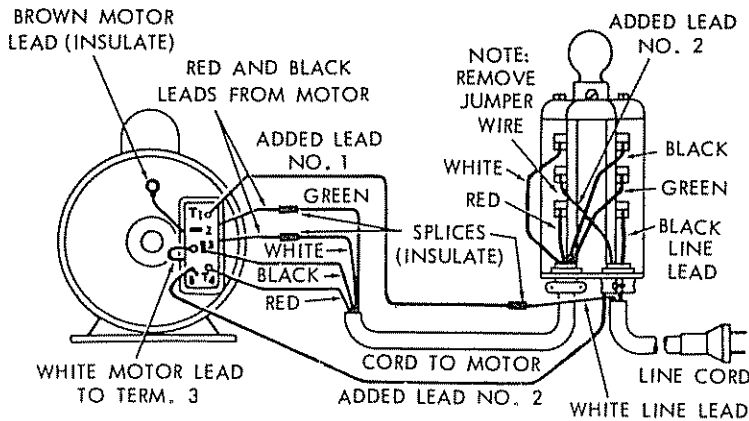
**115 VOLT WIRING HOOK-UP
SEARS MOTOR CATALOG NOS.
1960, 1961, 1962,
19738, 19748, 1213**



Added lead No. 1 from motor terminal "T₁" to white lead from line cord and added lead No. 2 from motor terminal "5" to reversing switch post (previously occupied by jumper lead), should be No. 18 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange red and black motor leads where they are spliced to white and green leads from reversing switch.

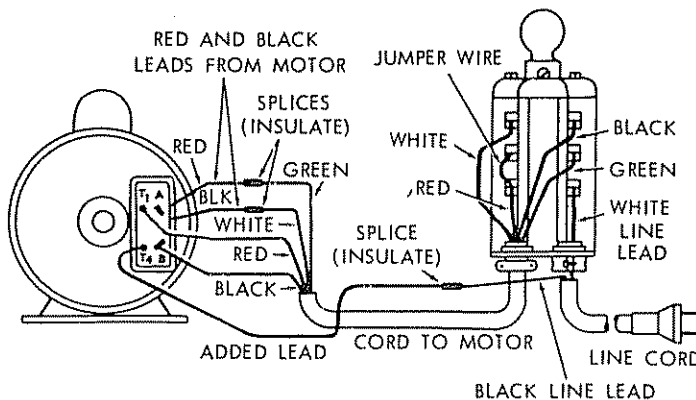
**230 VOLT WIRING HOOK-UP
SEARS MOTOR CATALOG NOS.
1960, 1961, 1962,
19738, 19748, 1213**



Added lead No. 1 from motor terminal "T₁" to white lead from line cord and added lead No. 2 from motor terminal "5" to reversing switch post (previously occupied by jumper lead), should be No. 18 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange red and black motor leads where they are spliced to white and green leads from reversing switch.

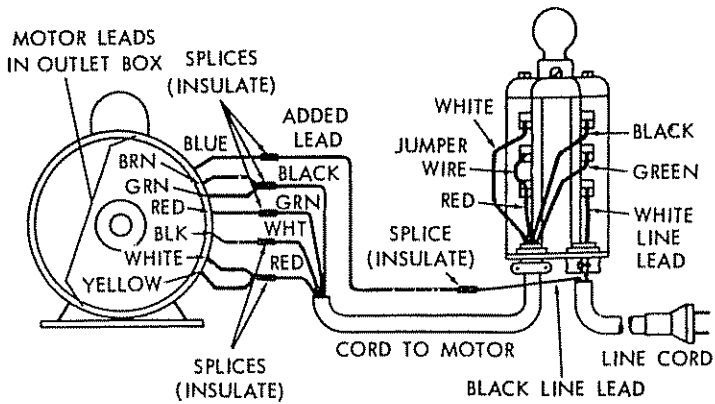
**115 VOLT WIRING HOOK-UP
SEARS MOTORS CATALOG NOS.
1216, 1217, 1226**



Added lead from motor terminal "T₄" to black lead from line cord should be No. 16 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange red and black motor leads where they are spliced to white and green leads from reversing switch.

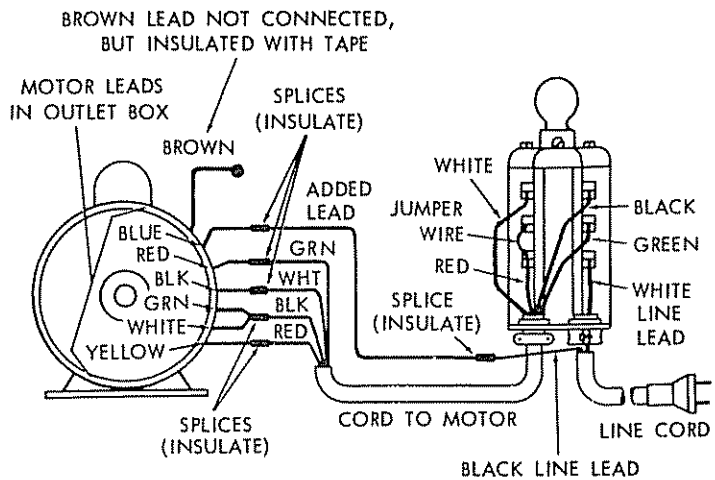
115 VOLT WIRING HOOK-UP
SEARS MOTOR CATALOG NOS.
1222, 1223, 1224, 1225



Added lead from motor blue lead to black lead from line cord should be No. 16 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange red and black motor leads where they are spliced to white and green leads from reversing switch.

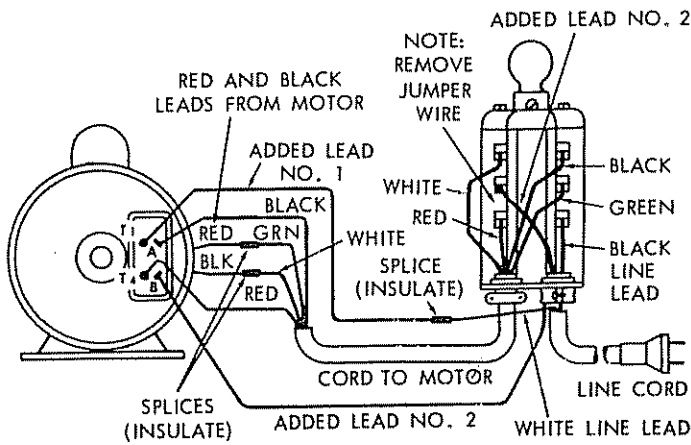
230 VOLT WIRING HOOK-UP
SEARS MOTOR CATALOG NOS.
1222, 1223, 1224, 1225



Added lead from motor blue lead to black lead from line cord should be No. 16 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange red and black motor leads where they are spliced to white and green leads from reversing switch.

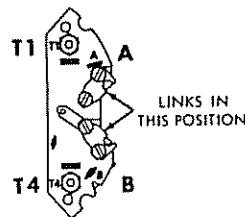
115 VOLT AND 230 VOLT WIRING HOOK-UP
SEARS MOTOR CATALOG NOS.
1218, 1219, 1220, 1221



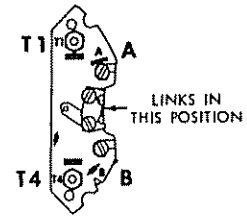
Added lead No. 1 from motor terminal "T₁" to white lead from line cord and added lead No. 2 from motor terminal "B" to reversing switch post (previously occupied by jumper lead), should be No. 16 AWG or larger and should have insulation at least as thick as that on the individual leads inside the cord. The heavy jacket insulation on the line cord must be stripped back to provide access to the black line lead in order to make this connection.

If motor rotation does not correspond to switch notations, interchange red and black motor leads where they are spliced to white and green leads from reversing switch.

NOTE: This connection applies to both 115 and 230 volts, and the position of the links should be as shown to correspond to the desired voltage. (The links are "lapped" over each other in the 230 volt connection.)



115 V. CONNECTION



230 V. CONNECTION