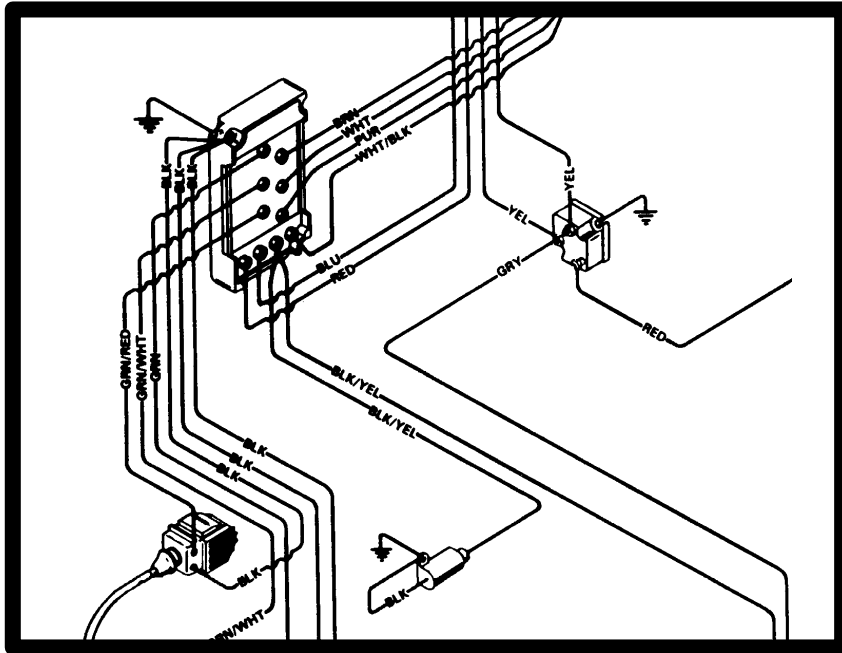




ELECTRICAL AND IGNITION



WIRING DIAGRAMS

2

D

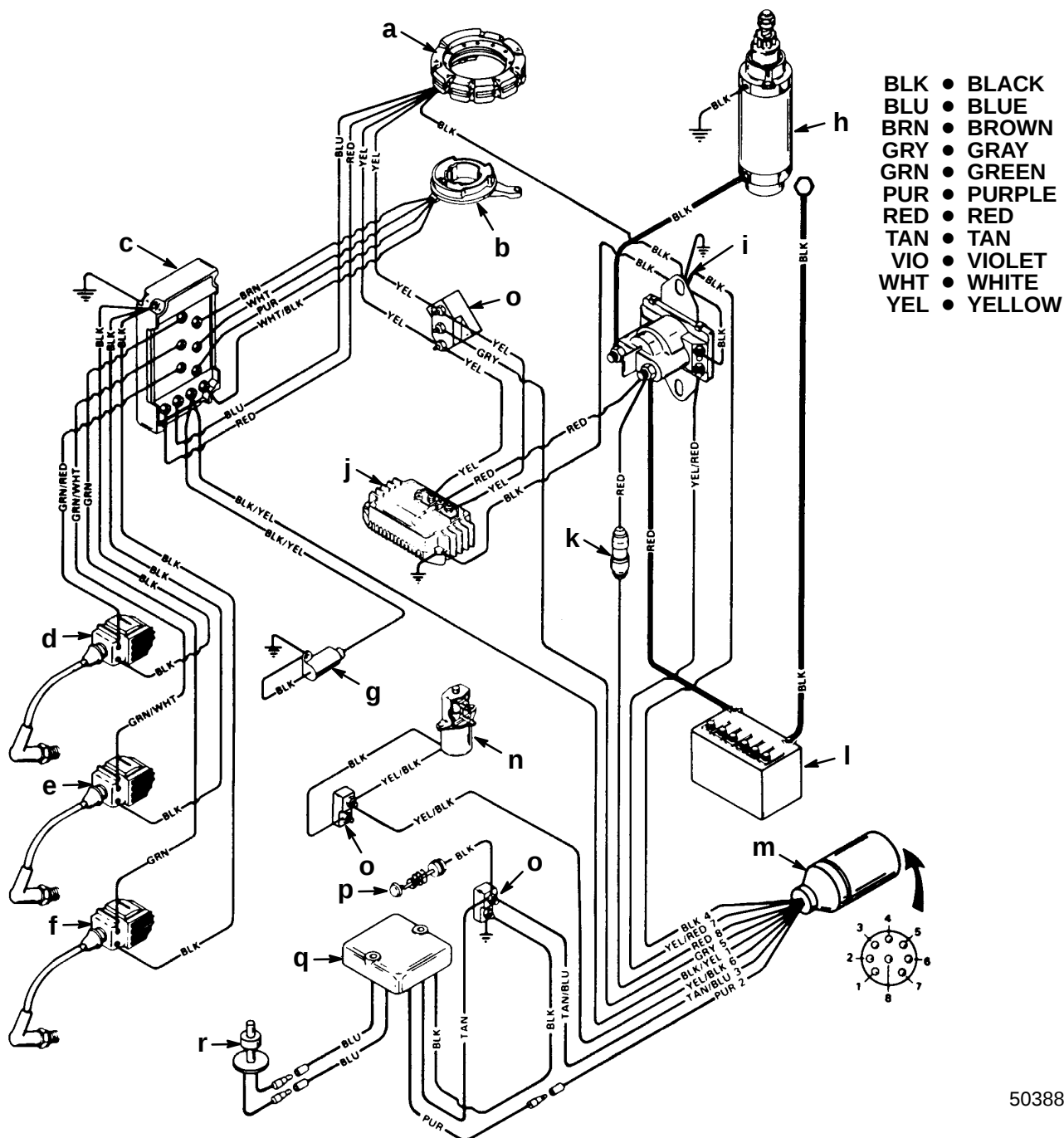


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Engine Wiring Diagram (3 Cylinder Models With Low Oil Warning Module)

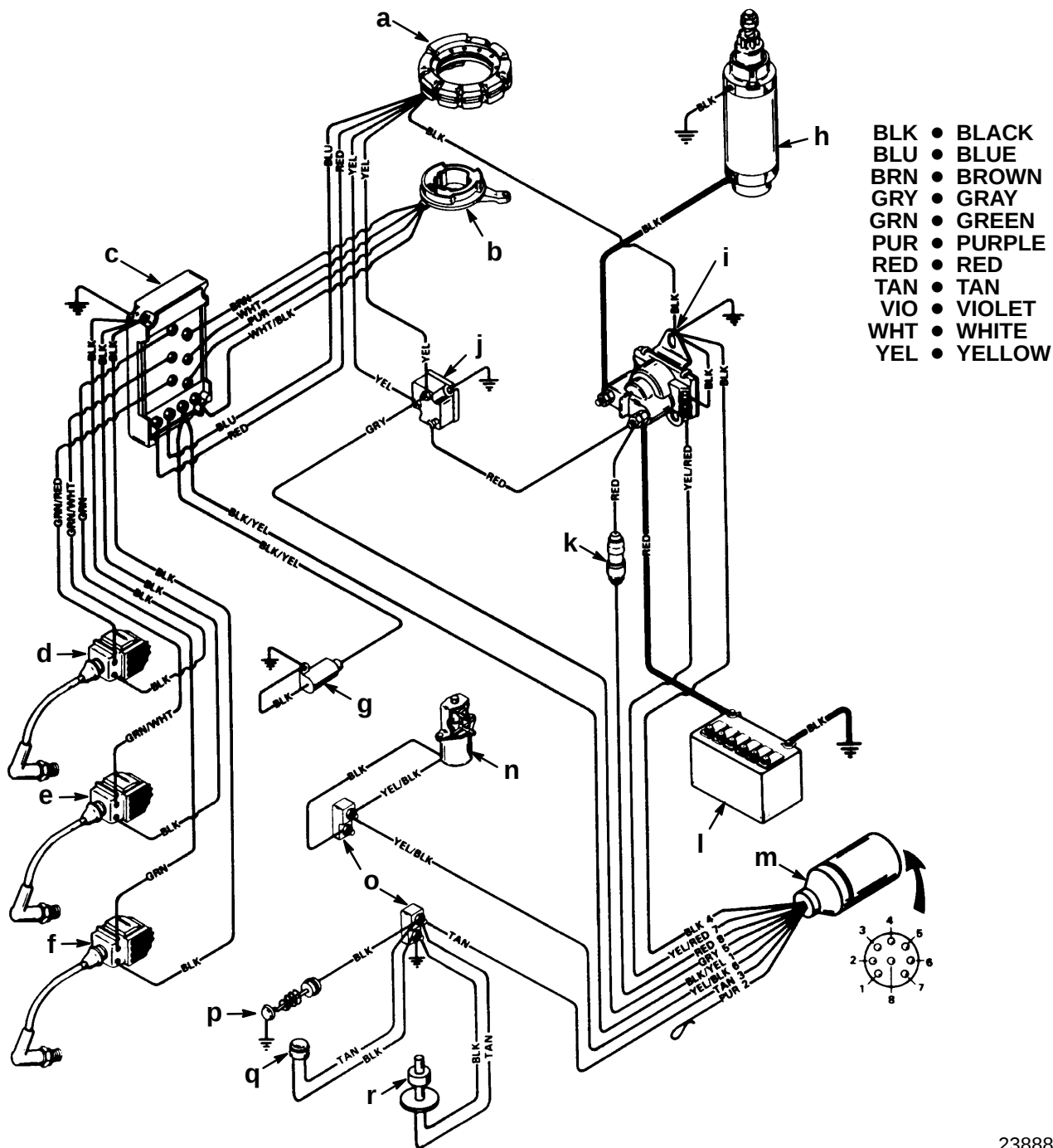


- a - Stator
- b - Trigger
- c - Switch Box
- d - Ignition Coil Cylinder No. 1
- e - Ignition Coil Cylinder No. 2
- f - Ignition Coil Cylinder No. 3
- g - Mercury (Tilt) Stop Switch
- h - Starter Motor
- i - Starter Solenoid

- j - Voltage Regulator/Rectifier
- k - Fuse Holder (20 Amp Fuse)
- l - Battery
- m - Wiring Harness Connector
- n - Enrichment Valve
- o - Terminal Block
- p - Temperature Switch – Opens [170°F ± 8° (77°C ± 8°)]
Closes [190°F ± 8° (88°C ± 8°)]
- q - Low Oil Warning Module
- r - Low Oil Sensor



Engine Wiring Diagram (3 Cylinder Models Without Low Oil Warning Module)



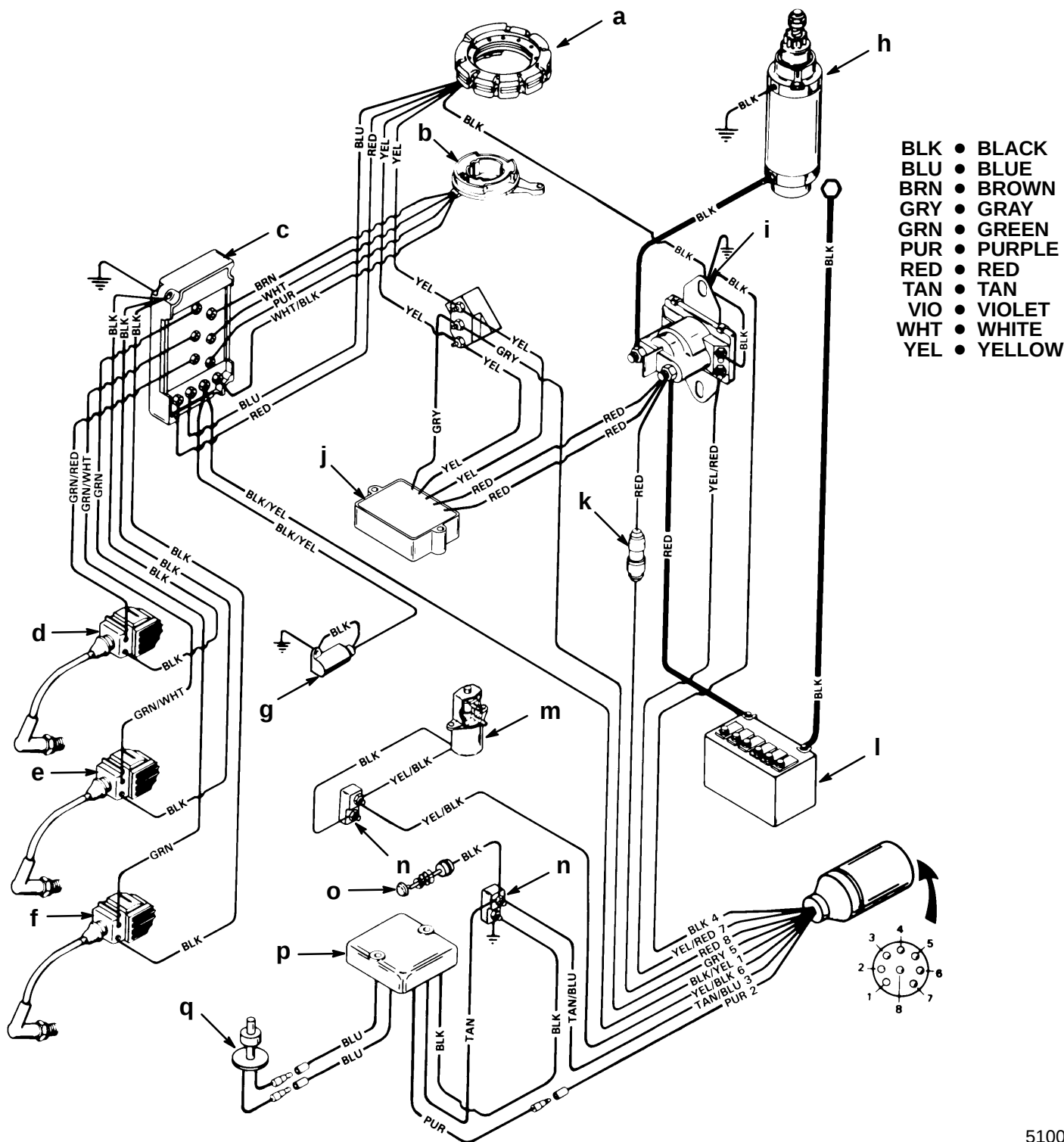
23888

- a - Stator
- b - Trigger
- c - Switch Box
- d - Ignition Coil Cylinder No. 1
- e - Ignition Coil Cylinder No. 2
- f - Ignition Coil Cylinder No. 3
- g - Mercury (Tilt) Stop Switch
- h - Starter Motor
- i - Starter Solenoid

- j - Rectifier
- k - Fuse Holder (20 Amp Fuse)
- l - Battery
- m - Wiring Harness Connector
- n - Enrichment Valve
- o - Terminal Block
- p - Temperature Switch – Opens [170°F ± 8° (77°C ± 8°)]
Closes [190°F ± 8° (88°C ± 8°)]
- q - Test Button
- r - Low Oil Sensor



Engine Wiring Diagram (3 Cylinder Models With Small Voltage Regulator/Rectifier)

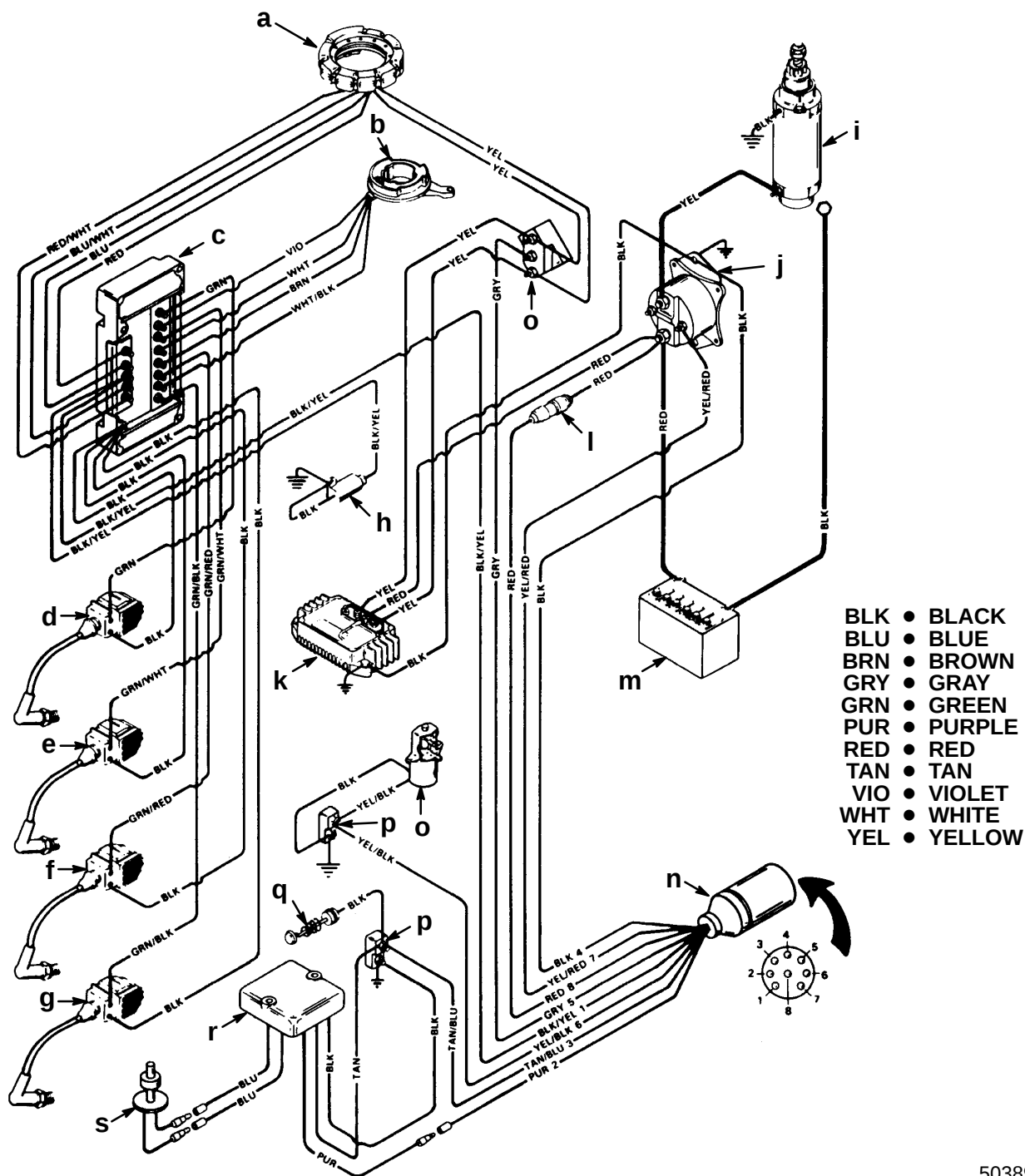


- a - Stator
- b - Trigger
- c - Switch Box
- d - Ignition Coil Cylinder No. 1
- e - Ignition Coil Cylinder No. 2
- f - Ignition Coil Cylinder No. 3
- g - Mercury Switch
- h - Starter Motor
- i - Starter Solenoid

- j - Voltage Regulator/Rectifier
- k - 20 Amp Fuse
- l - Battery
- m - Fuel Enrichment Valve
- n - Terminal Block
- o - Overheat Temperature Sensor
- p - Warning Module
- q - Low Oil Sensor (Float)



Engine Wiring Diagram (4 Cylinder Models)



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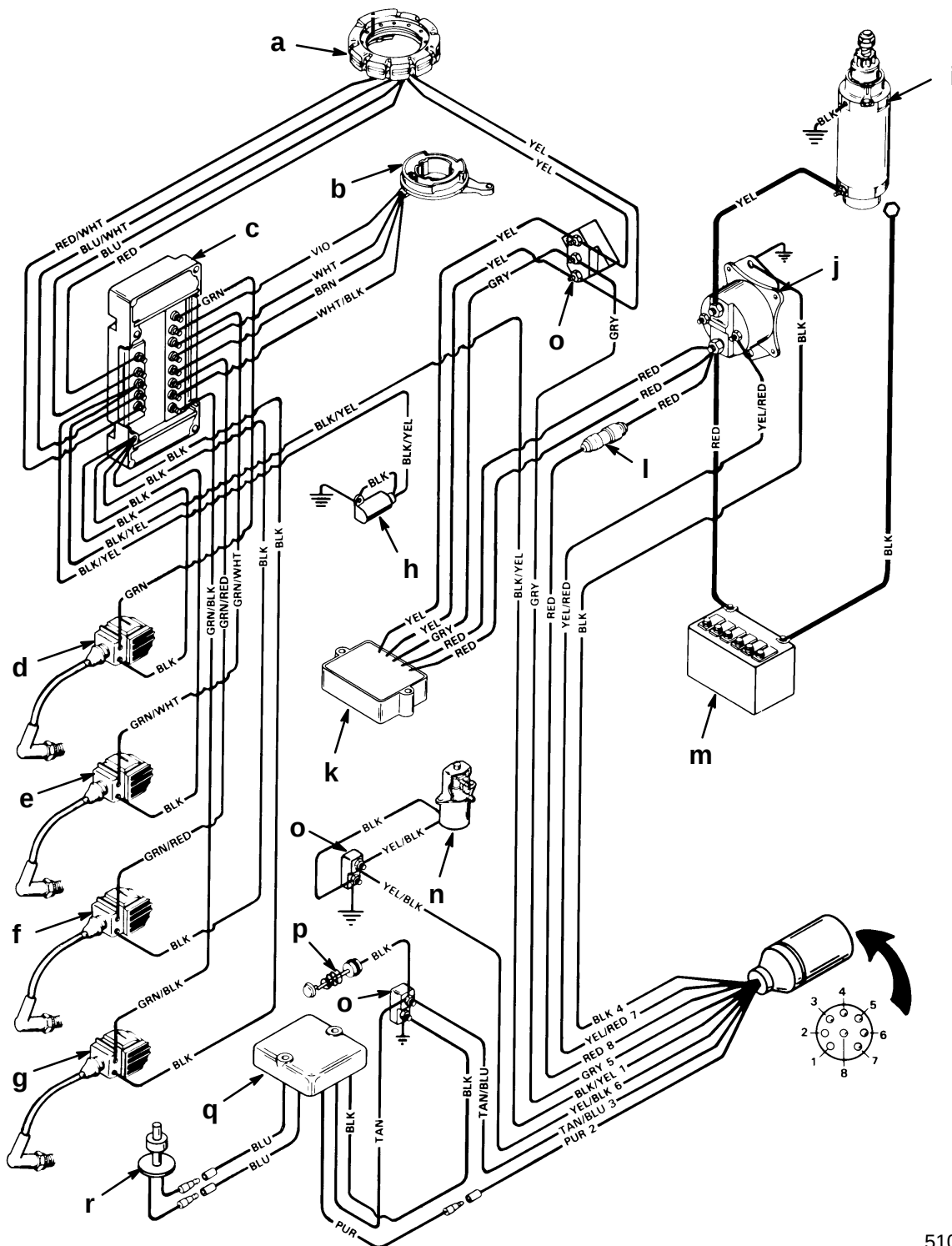
- a - Stator
- b - Trigger
- c - Switch Box
- d - Ignition Coil Cylinder No. 1
- e - Ignition Coil Cylinder No. 2
- f - Ignition Coil Cylinder No. 3
- g - Ignition Coil Cylinder No. 4
- h - Mercury (Tilt) Stop Switch
- i - Starter Motor
- j - Starter Solenoid

- k - Voltage Regulator/Rectifier
- l - Fuse Holder (20 Amp Fuse)
- m - Battery
- n - Wiring Harness Connector
- o - Enrichment Valve
- p - Terminal Block
- q - Temperature Switch – Opens [170°F ± 8° (77°C ± 8°)]
Closes [190°F ± 8° (88°C ± 8°)]
- r - Low Oil Warning Module
- s - Low Oil Sensor



Engine Wiring Diagram (4 Cylinder Models With Small Voltage Regulator/Rectifier)

BLK • BLACK
 BLU • BLUE
 BRN • BROWN
 GRY • GRAY
 GRN • GREEN
 PUR • PURPLE
 RED • RED
 TAN • TAN
 VIO • VIOLET
 WHT • WHITE
 YEL • YELLOW

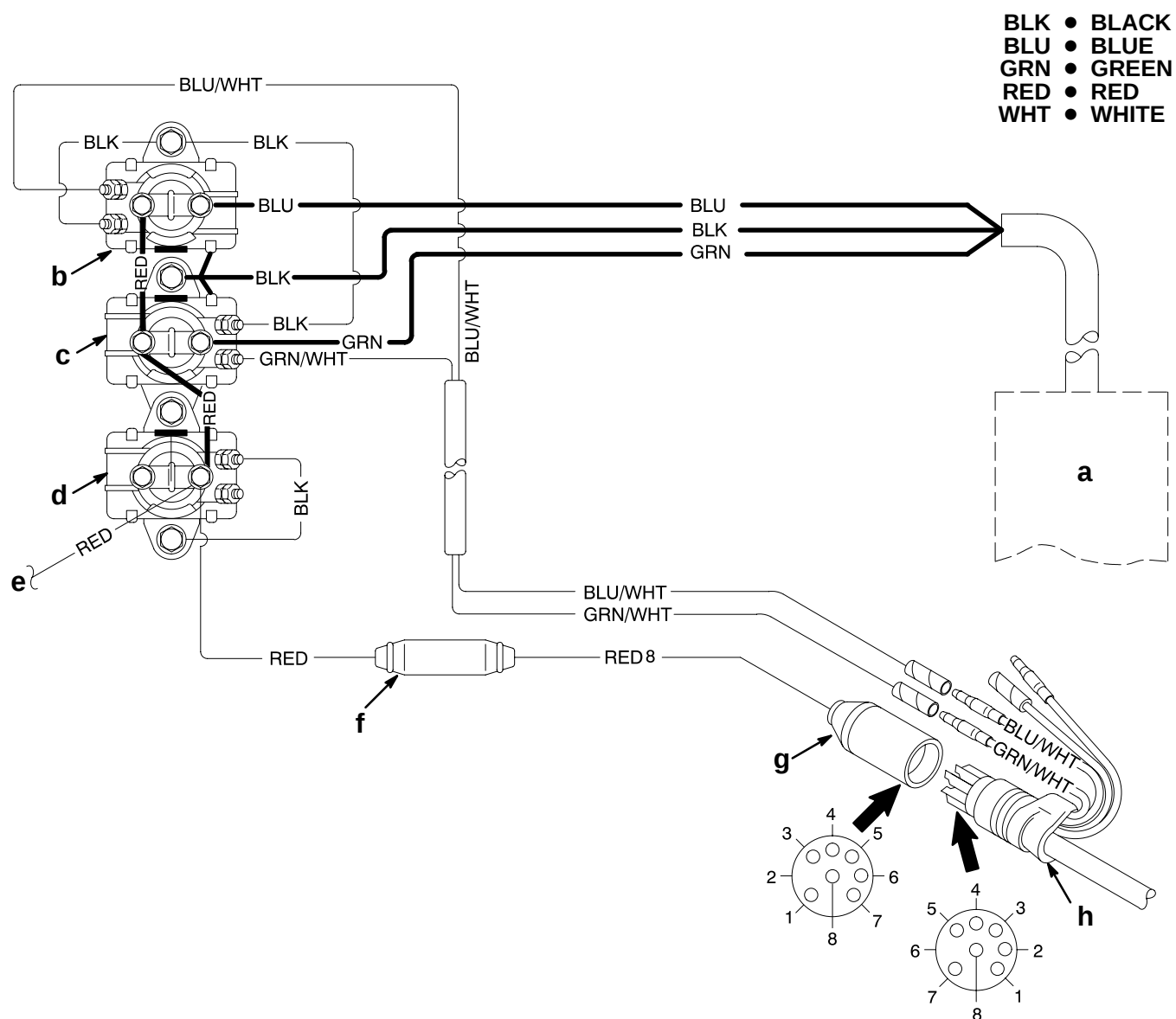


a - Stator
 b - Trigger
 c - Switch Box
 d - Ignition Coil Cylinder No. 1
 e - Ignition Coil Cylinder No. 2
 f - Ignition Coil Cylinder No. 3
 g - Ignition Coil Cylinder No. 4
 h - Mercury Switch
 i - Starter Motor

j - Starter Solenoid
 k - Voltage Regulator/Rectifier
 l - 20 Amp Fuse
 m - Battery
 n - Fuel Enrichment Valve
 o - Terminal Block
 p - Overheat Sensor
 q - Warning Module
 r - Low Oil Sensor (Float)



Power Trim System Wiring Diagram (3 Cylinder Models Using COMMANDER 2000 Side Mount Remote Control)



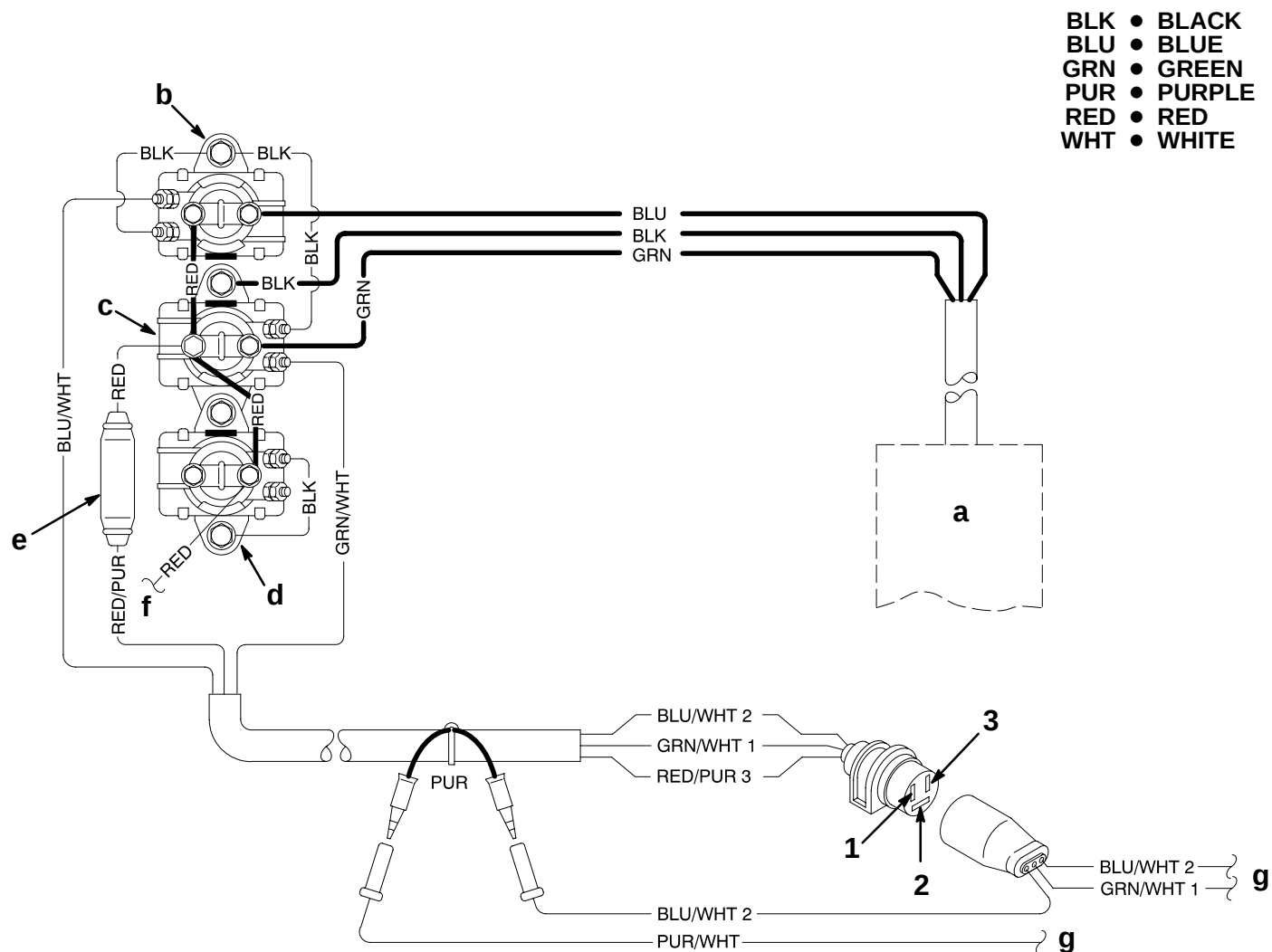
23886

- a - Power Trim Pump Motor
- b - Trim Solenoid "UP"
- c - Trim Solenoid "DOWN"
- d - Engine Starter Motor Solenoid

- e - Red (+) Battery Cable
- f - Fuse Holder (20 Amp Fuse)
- g - Engine Wiring Harness Connector
- h - Remote Control Wiring Harness Connector



Power Trim System Wiring Diagram (3 Cylinder Models Using COMMANDER Side Mount Remote Control)



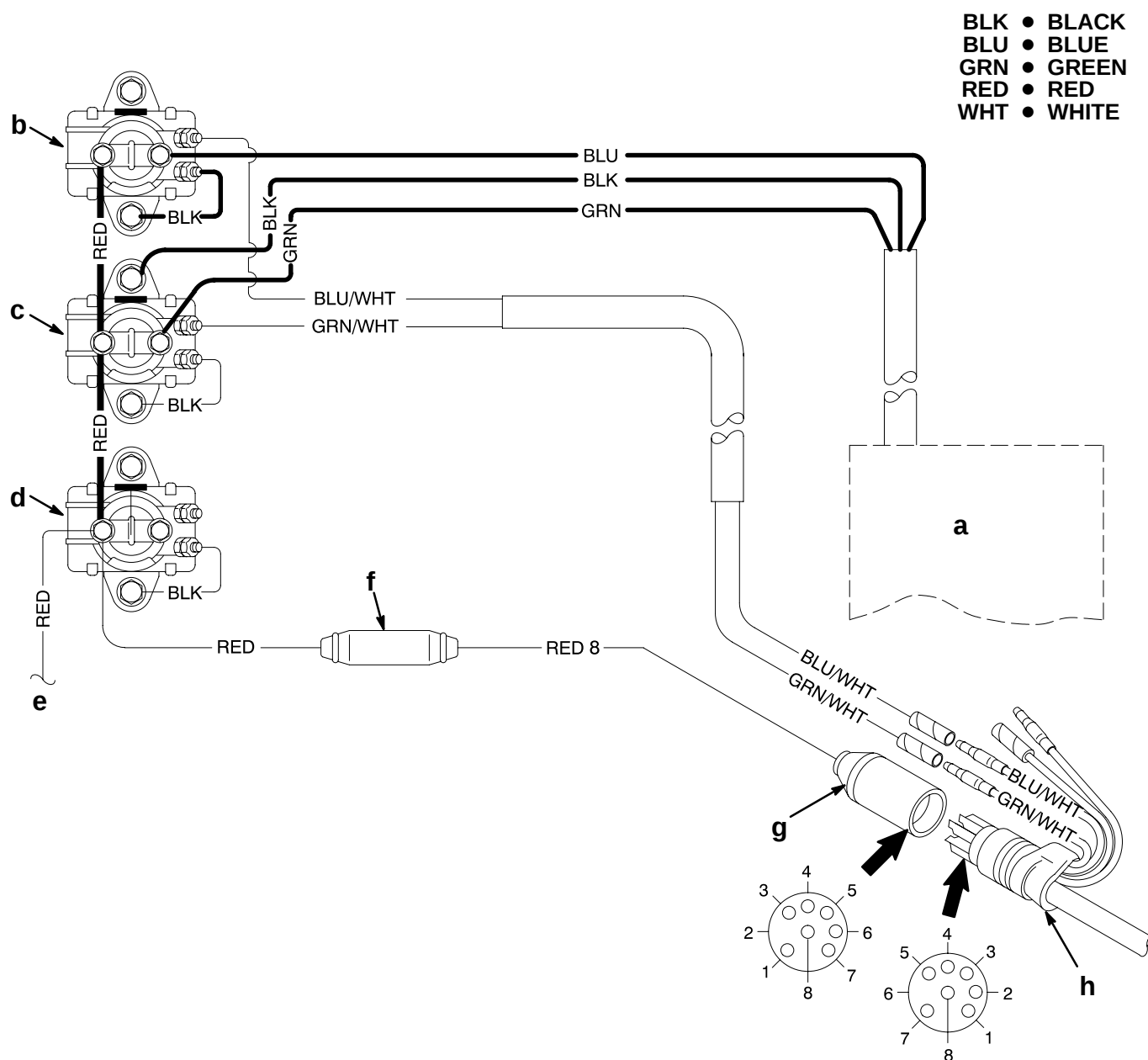
a - Power Trim Pump Motor
b - Trim Solenoid "UP"
c - Trim Solenoid "DOWN"
d - Engine Starter Motor Solenoid

e - Fuse Holder (20 Amp Fuse)
f - Red (+) Battery Cable
g - Wires from Remote Control

23884

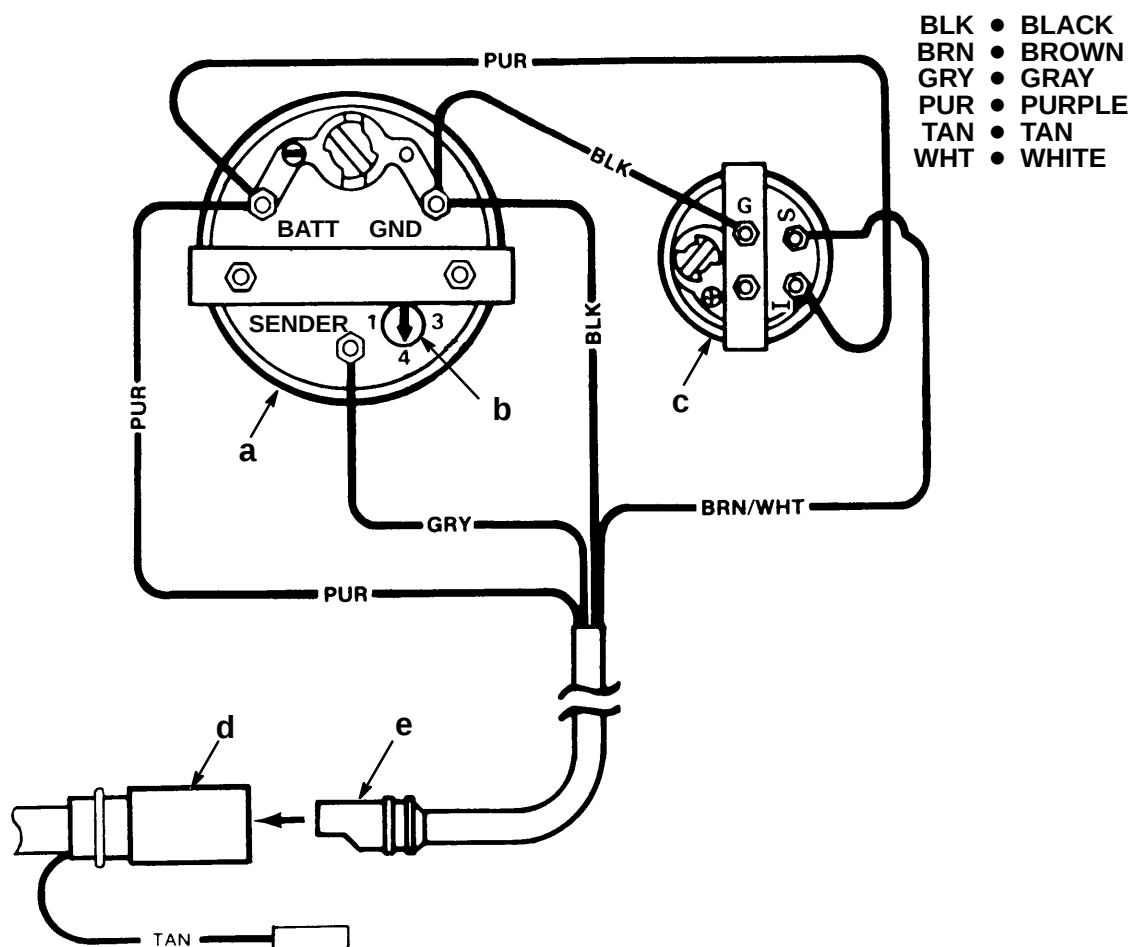


Power Trim System Wiring Diagram (4 Cylinder Models Using COMMANDER 2000 Side Mount Remote Control)





Tachometer (With Adjustable Dial) and Trim Indicator Gauge Wiring Diagram



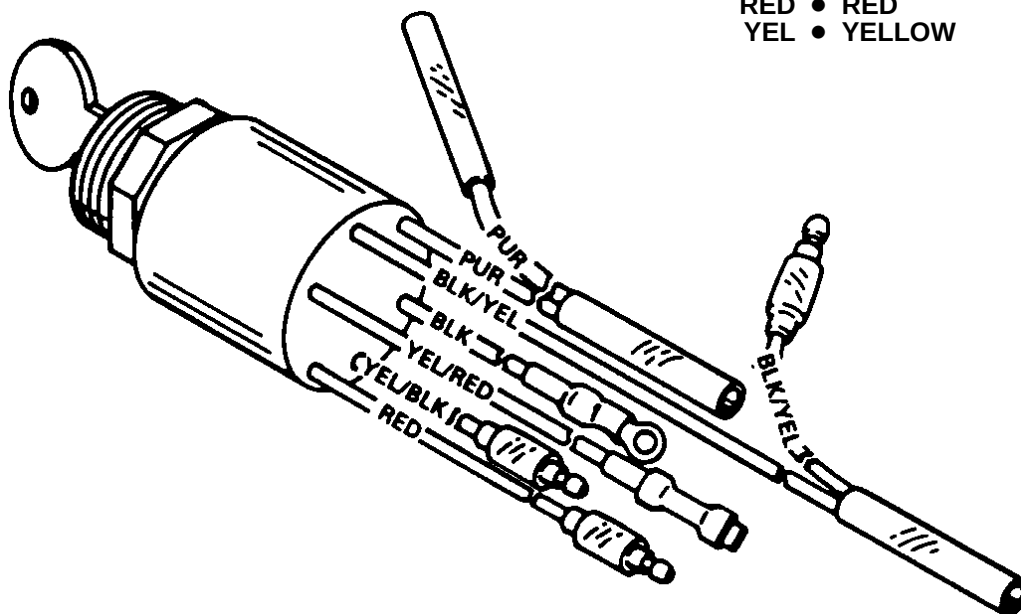
a - Tachometer
b - Position Dial to Point Toward "4"
c - Trim Indicator Gauge (Optional)

d - Tachometer/Accessories Harness Plug from Remote Control
e - Tachometer/Accessories Harness



Key/Choke Switch Continuity Test (COMMANDER 2000 Side Mount Remote Control)

BLK • BLACK
PUR • PURPLE
RED • RED
YEL • YELLOW



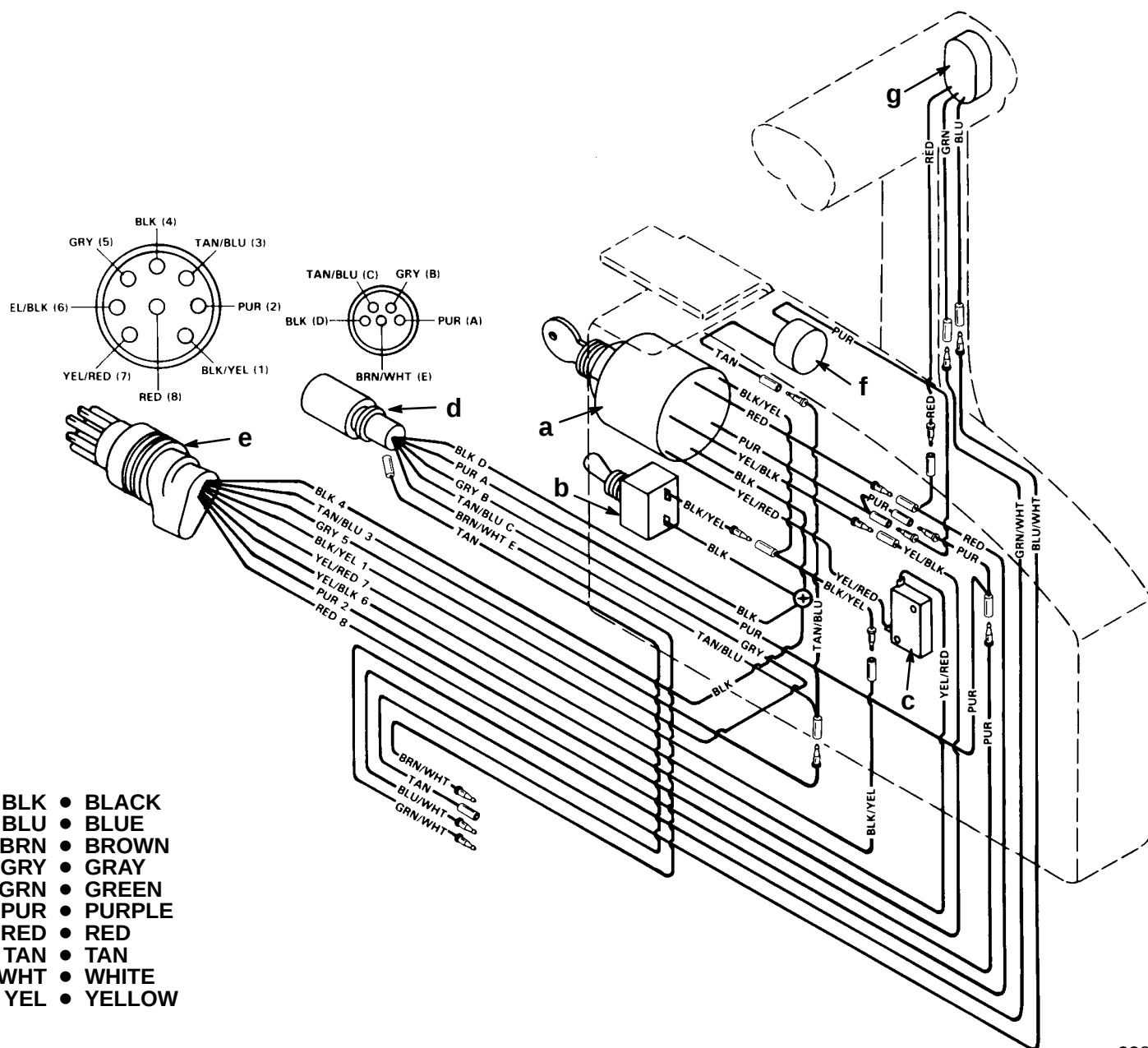
"OFF"	BLK/YEL - BLK
"RUN"	RED - PUR
"START"	RED - PUR - YEL/RED
PUSH (CHOKE)*	RED - YEL/BLK

*Key switch must be positioned to "RUN" or "START" and key pushed in to actuate choke, for this continuity test.

23894



COMMANDER 2000 Side Mount Remote Control (Power Trim/Tilt Electric Start With Warning Horn) Wiring Diagram



BLK • BLACK
BLU • BLUE
BRN • BROWN
GRY • GRAY
GRN • GREEN
PUR • PURPLE
RED • RED
TAN • TAN
WHT • WHITE
YEL • YELLOW

a - Ignition/Choke Switch
b - Emergency Stop Switch
c - Neutral Start Switch
d - Tachometer/Accessories Harness Connector

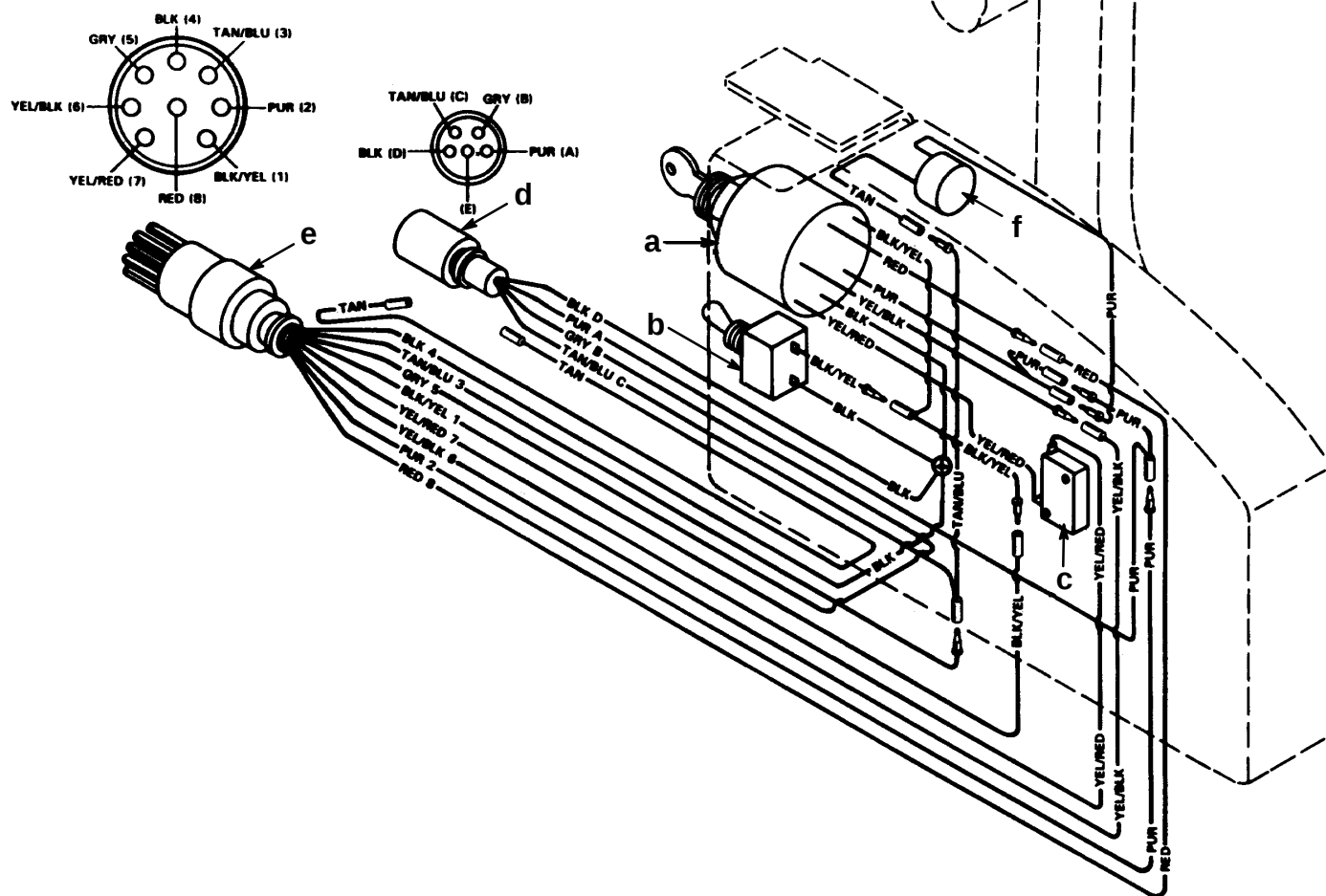
e - Wiring Harness Connector
f - Warning Horn
g - Trim/Tilt Switch

23891



COMMANDER 2000 Side Mount Remote Control (Electric Start With Warning Horn) Wiring Diagram

BLK • BLACK
BLU • BLUE
BRN • BROWN
GRY • GRAY
GRN • GREEN
PUR • PURPLE
RED • RED
TAN • TAN
WHT • WHITE
YEL • YELLOW



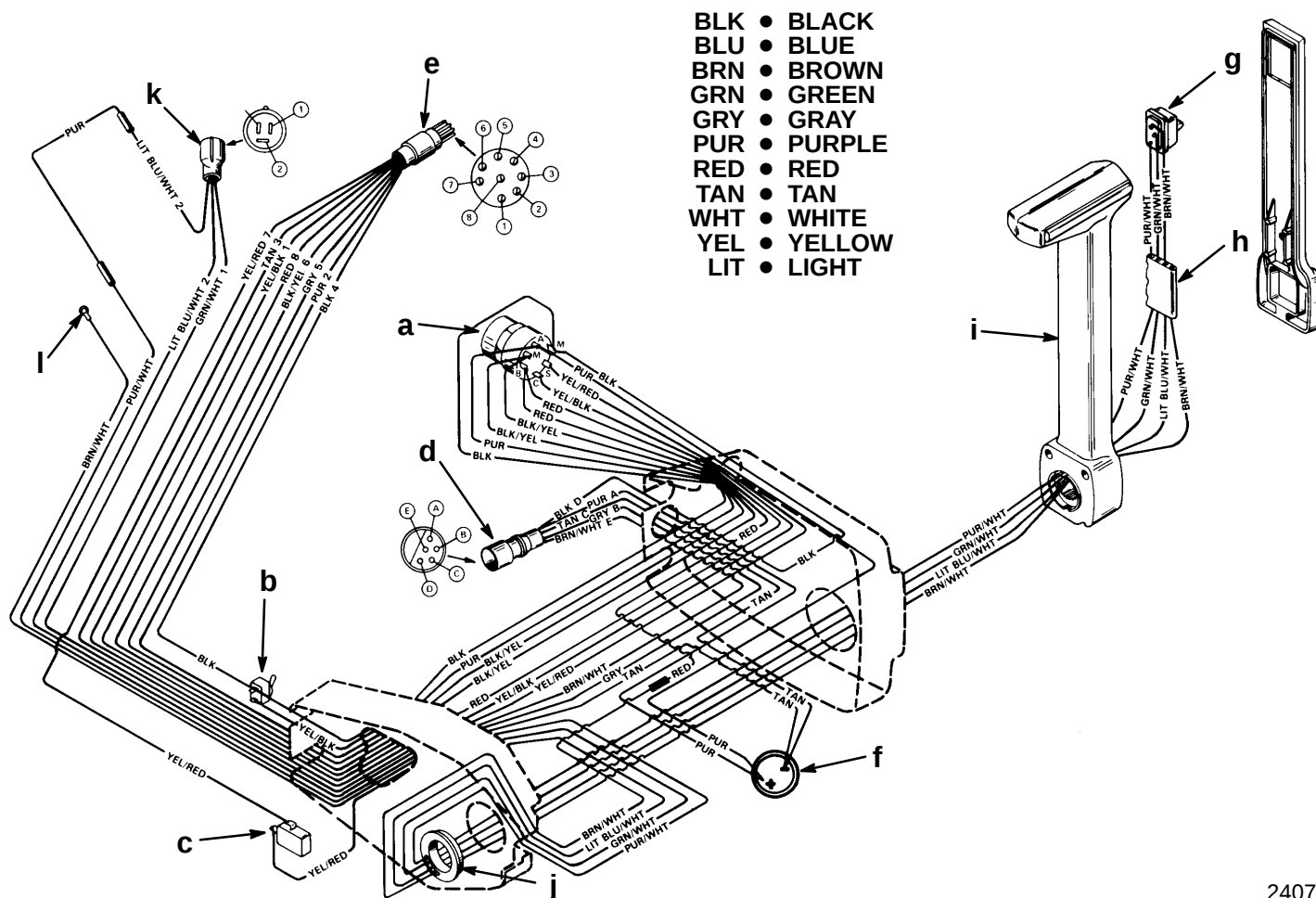
23892

a - Ignition/Choke Switch
b - Emergency Stop Switch
c - Neutral Start Switch

d - Tachometer/Accessories Harness Connector
e - Wiring Harness Connector
f - Warning Horn



COMMANDER Side Mount Remote Control (Power Trim/Tilt Electric Start With Warning Horn) Wiring Diagram



- a - Ignition/Choke Switch
- b - Emergency Stop Switch
- c - Neutral Start Switch
- d - Tachometer/Accessories Harness Connector
- e - Wiring Harness Connector
- f - Warning Horn

- g - Trim/Tilt Switch
- h - Wire Retainer
- i - Control Handle
- j - Trim Harness Bushing
- k - Trim Harness Connector
- l - Lead to Trim Indicator Gauge

24072