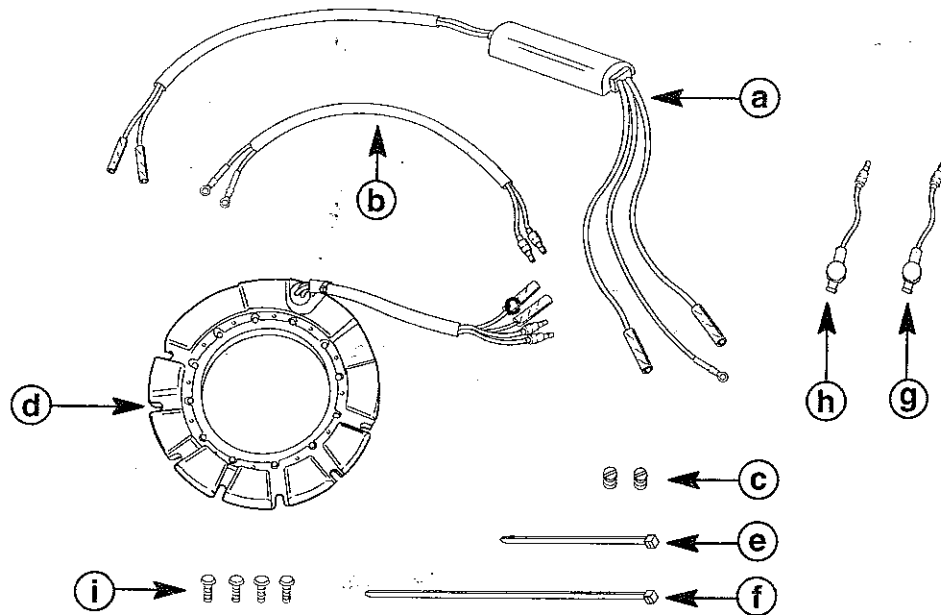


# 398-832075A20, 9 AMP RED STATOR 248-8722A17 FLYWHEEL MERCURY/MARINER, 40/45/50 CLASSIC

## Components Contained in Kit 398-832075A20

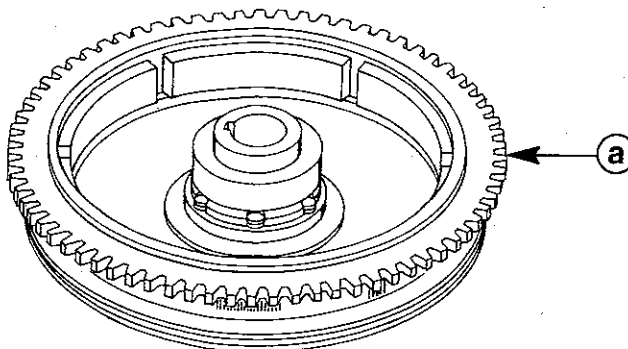


54484

Ref.	Description	Qty.
a	Stator Adaptor (834949A4)	1
b	Harness Extension (84-850001A3)	1
c	Nylon Cap Nut (11-813938)	2
d	RED Stator, 9 Amp (398-832075T18)	1
e	Cable Tie (56762)	5
f	Cable Tie (54-816311T)	4
g	Adaptor, BLUE (84-11149A22)	1
h	Adaptor, BLUE/WHITE (84-11149A23)	1
i	Screw (0.312) (10-850298)	4

18-5874

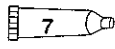
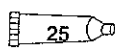
# Component Contained in Kit 248-8722A17



51447

Ref.	Description	Qty.
a	Flywheel (248-8722A15)	1
	Stator Kit (398-832075A20)	1

## Mercury/Quicksilver Lubricants, Sealants, and Adhesives

	Loctite 271 Threadlocker	92-809819	92-809819
	Liquid Neoprene	92-25711-3	92-25711-3

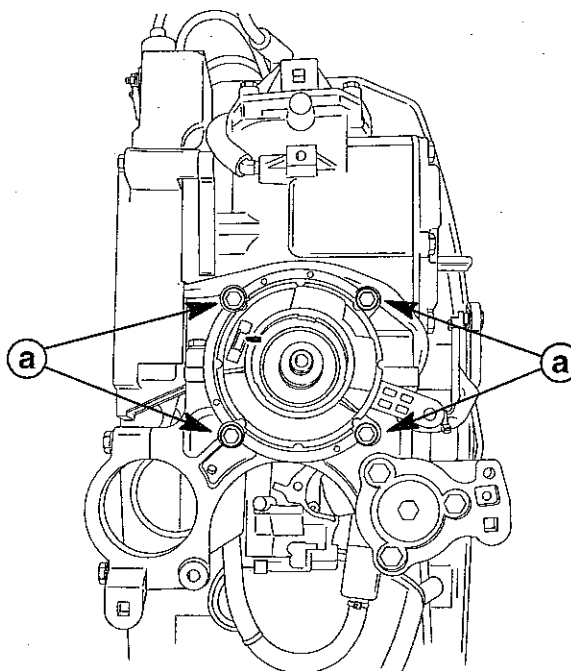
## Special Tools Required

Description	Part Number
Protector Cap	91-24161
Torque Wrench (lb-ft)	Obtain Locally
Torque Wrench (lb-in.)	91-66274
Flywheel Holder (Electric Start Models)	91-52344
Flywheel Puller	91-73687A2

# Installation Instructions

1. Refer to service manual for removal and installation instructions of the following components:
  - a. Flywheel cover
  - b. Flywheel
  - c. Stator (discard)
  - d. Ignition plate cover (if equipped)
2. Remove (and discard) 4 top end cap bolts. Original end cap bolts DO NOT provide sufficient clearance for the new stator to seat properly on the end cap housing. Install new screws, provided. Torque screws to 22.5 Nm (16.5 lb-ft).

## ALL MODELS

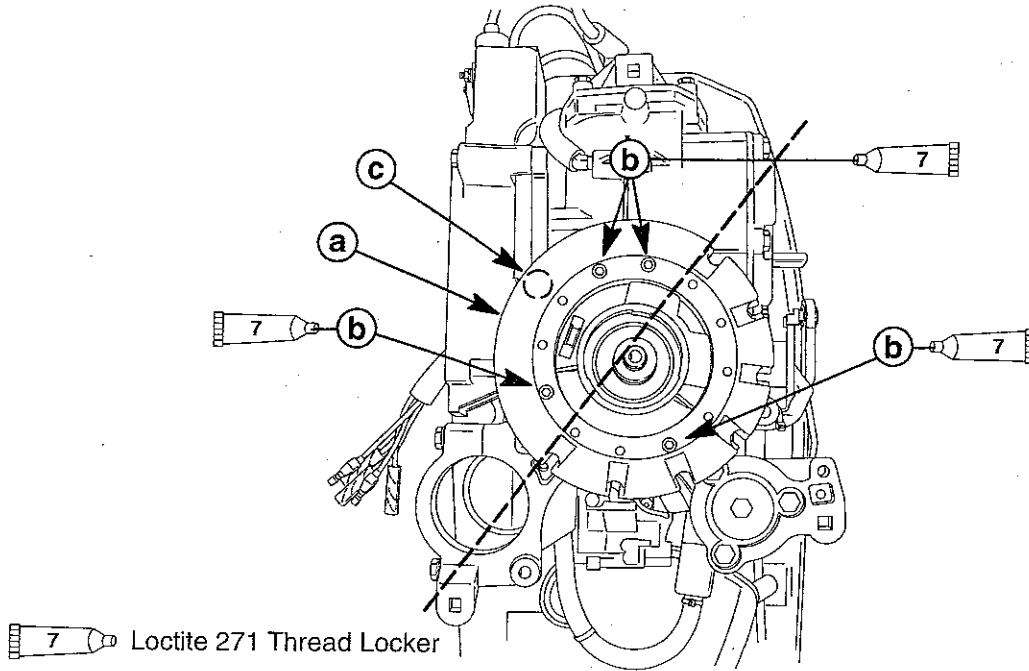


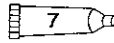
54951

**a** - Screws [torque screws to 22.5 Nm (16.5 lb-ft)]

3. Install new stator. Position stator on powerhead as shown. Secure stator with 4 screws. Apply Loctite 271 to screw threads. Torque screws to 4.0 Nm (35 lb-in.).

**MODEL 40**

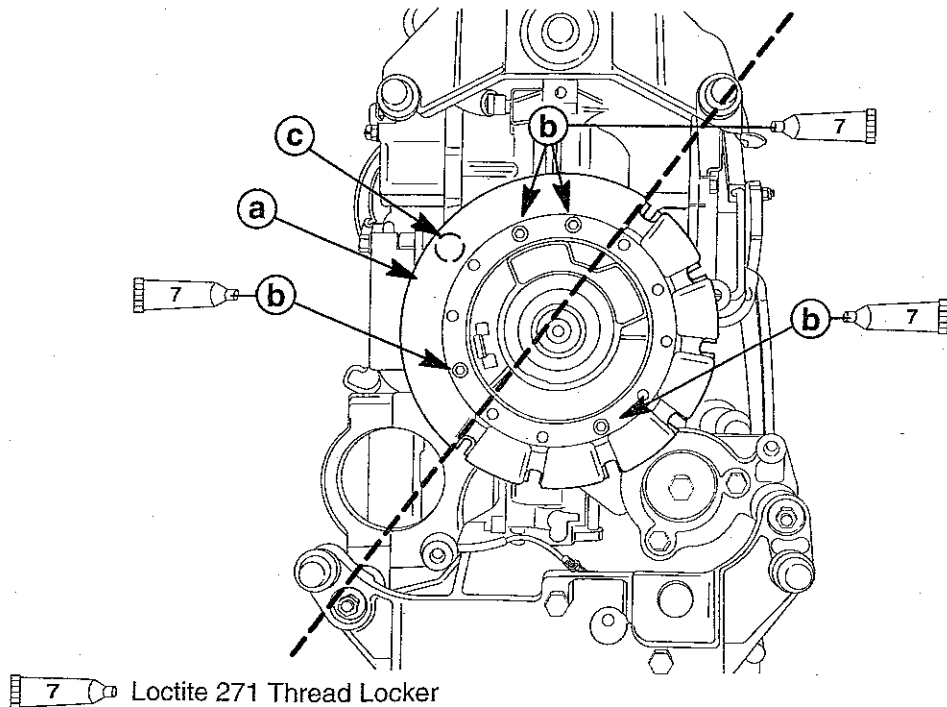


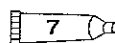
 Loctite 271 Thread Locker

54952

- a - Stator
- b - Screws [torque to 4.0 Nm (35 lb-in.)]
- c - Stator harness

**MODEL 45/50 CLASSIC**

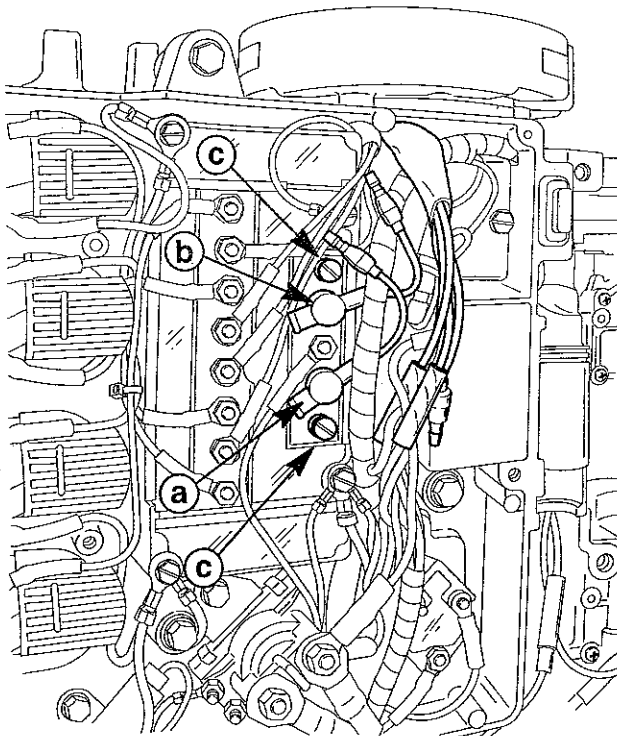


 Loctite 271 Thread Locker

54960

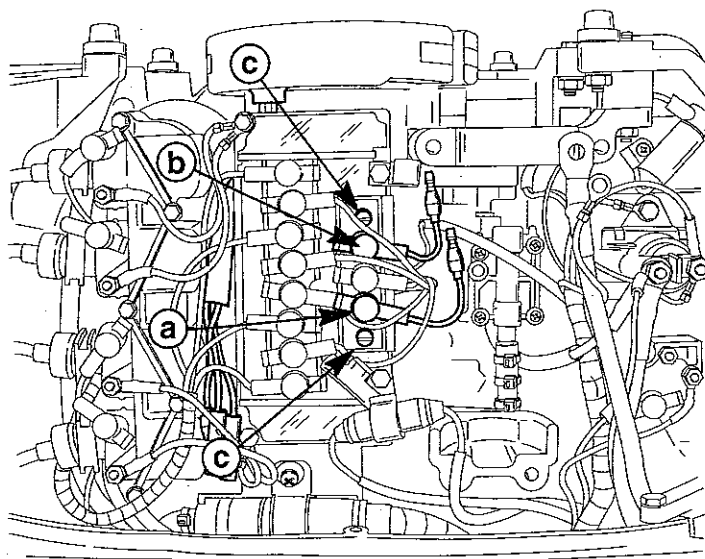
- a - Stator
- b - Screws [torque to 4.0 Nm (35 lb-in.)]
- c - Stator harness

4. Install BLUE and BLUE/WHITE cable adaptors to BLUE and BLUE/WHITE terminals on switch box. Torque terminal nuts to 2.5 Nm (22 lb-in.). Install cap nuts on unused terminals.

**MODEL 40**

54962

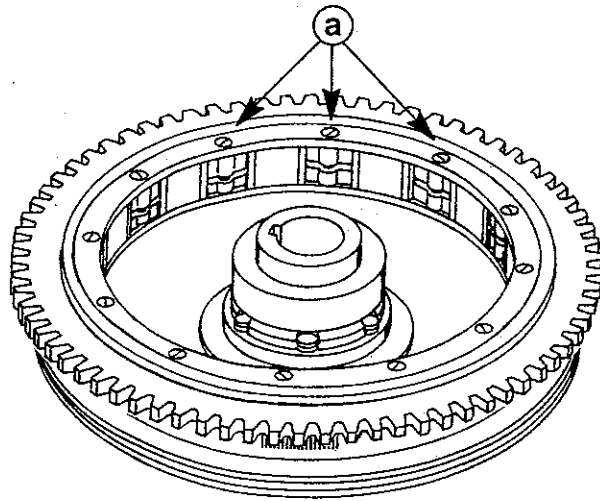
- a - BLUE cable adaptor
- b - BLUE/WHITE cable adaptor
- c - Cap nuts

**MODEL 45/50 CLASSIC**

54961

- a - BLUE cable adaptor
- b - BLUE/WHITE cable adaptor
- c - Cap nuts

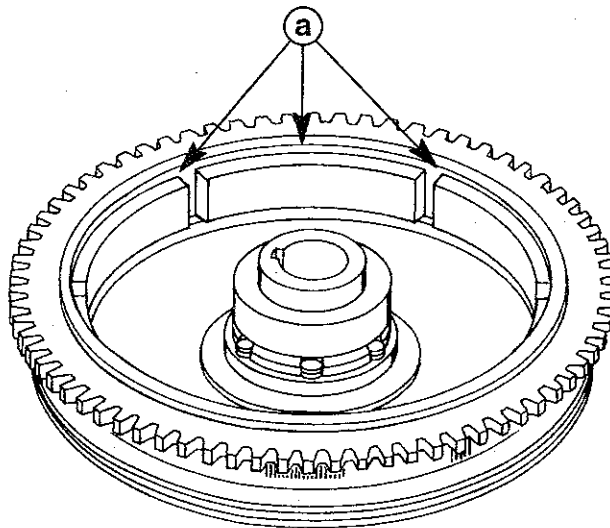
**IMPORTANT:** If stator kit 398-832075A20 is to be used with a flywheel having magnets retained by screws, STATOR LEADS MUST BE REVERSED WHEN CONNECTING TO STATOR ADAPTOR LEADS; I.E. GREEN/WHITE connects to WHITE/GREEN and WHITE/GREEN connects to GREEN/WHITE.



51446

a - Magnets retained by screws

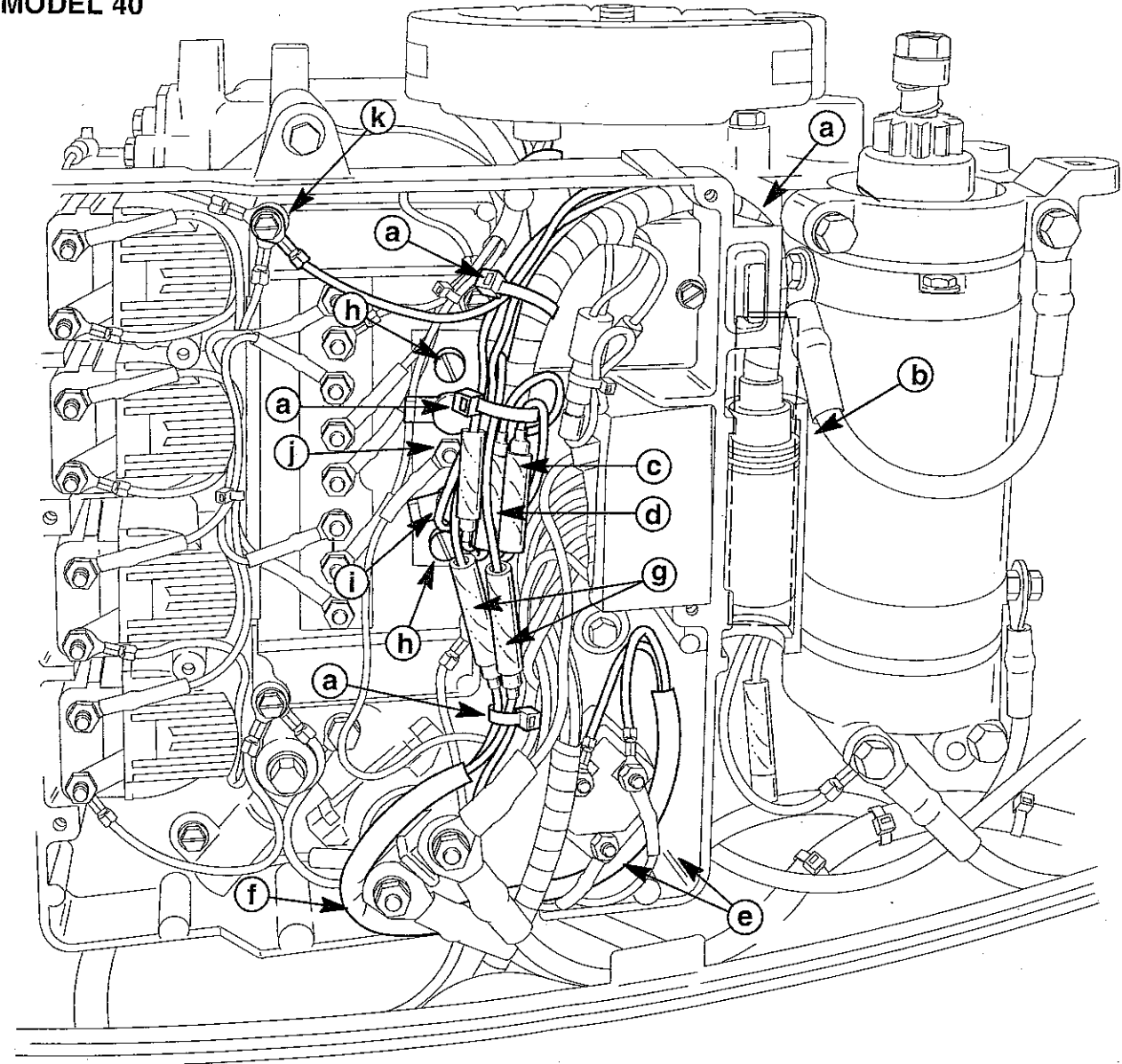
**IMPORTANT:** If stator kit 398-832075A20 is used with flywheel kit 248-8722A17 (magnets are glued into flywheel), stator leads ARE NOT REVERSED when connecting to stator adaptor leads; I.E. GREEN/WHITE connects to GREEN/WHITE and WHITE/GREEN connects to WHITE/GREEN.



51447

a - Glued in magnets

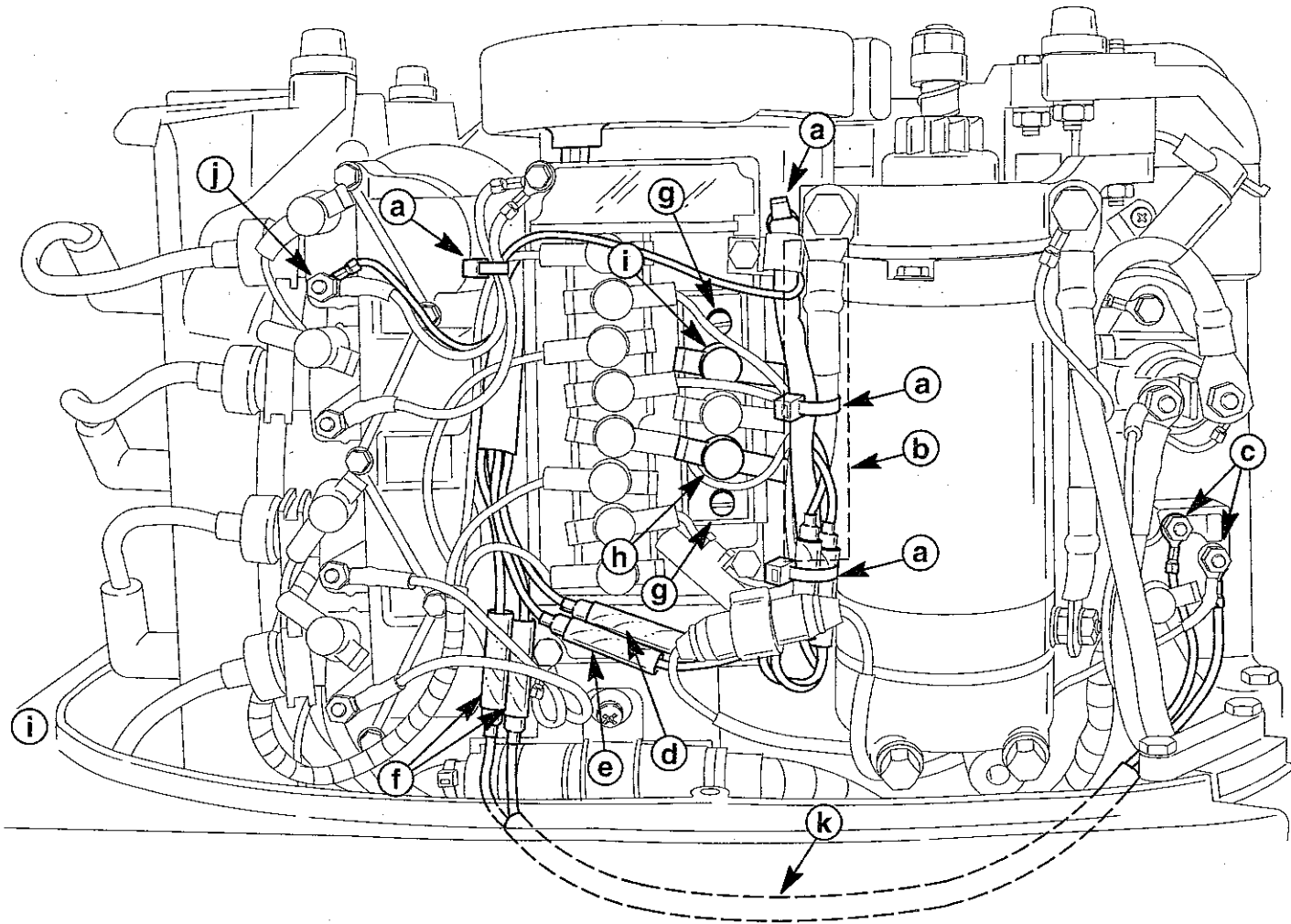
5. **Model 40** – Install stator adaptor wires through opening in upper right corner of electrical box. Connect stator/stator adaptor/switch box wires per appropriate wiring diagram, provided.  
**Model 45/50 Classic** – Install stator adaptor routing adaptor wires through j-clip and down along side of switch box. Connect stator/stator adaptor/switch box wires per appropriate wiring diagram, provided.
6. Secure stator adaptor wiring with cable ties.

**MODEL 40**

54958

- |   |  |
|---|--|
| <b>a</b> - Cable ties                                     | <b>g</b> - Stator YELLOW leads   |
| <b>b</b> - Stator adaptor (hidden)                        | <b>h</b> - Insulator caps  |
| <b>c</b> - Stator adaptor<br>(WHITE/GREEN lead)           | <b>i</b> - Stator adaptor BLUE lead  |
| <b>d</b> - Stator adaptor<br>(GREEN/WHITE lead)           | <b>j</b> - Stator adaptor BLUE/WHITE lead                                    |
| <b>e</b> - Rectifier terminals<br>(apply Liquid Neoprene) | <b>k</b> - Stator adaptor BLACK lead –<br>torque bolt to 40 lb-in. (4.5 N·m) |
| <b>f</b> - Harness extension                              |  |

MODEL 45/50 CLASSIC



54959

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>a - Cble ties</li> <li>b - Stator adaptor (hidden)</li> <li>c - Rectifier terminals</li> <li>d - Stator adaptor WHITE/GREEN lead</li> <li>e - Stator adaptor GREEN/WHITE lead</li> <li>f - Stator YELLOW leads</li> </ul> | <ul style="list-style-type: none"> <li>g - Insulator cap</li> <li>h - Stator adaptor BLUE lead</li> <li>i - Stator adaptor BLUE/WHITE lead</li> <li>j - Stator adaptor BLACK lead – torque nut to 3.4 Nm (30 lb-in.)</li> <li>k - Harness extension</li> </ul> |
|--|--|

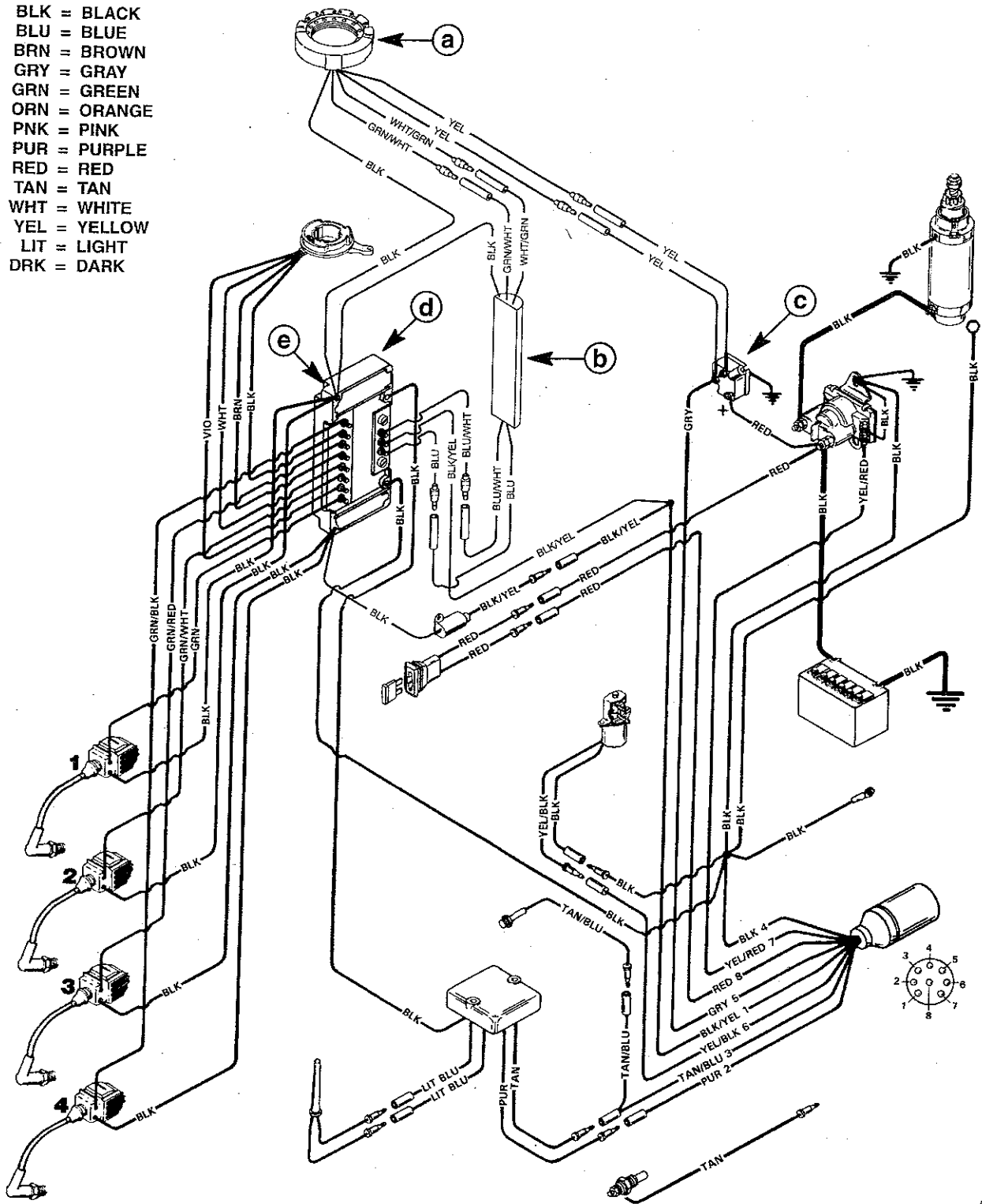
**IMPORTANT: Inspect flywheel magnets for clinging debris prior to reinstalling flywheel. Failure to remove debris from magnets will result in damage to flywheel and/or stator upon initial start-up.**

7. Reinstall flywheel. Torque nut to 102.0 Nm (75 lb-ft).
8. Reinstall starter motor. Torque bolts to 20.5 Nm (15 lb-ft).
9. Reinstall flywheel cover (40 hp model). Torque bolts to 11.0 Nm (100 lb-in.).
10. Reinstall ignition box cover (40 hp model). Torque bolts to 2.5 Nm (22 lb-in.).



# Model 40 with 9 Ampere RED Stator

- BLK = BLACK
- BLU = BLUE
- BRN = BROWN
- GRY = GRAY
- GRN = GREEN
- ORN = ORANGE
- PNK = PINK
- PUR = PURPLE
- RED = RED
- TAN = TAN
- WHT = WHITE
- YEL = YELLOW
- LIT = LIGHT
- DRK = DARK

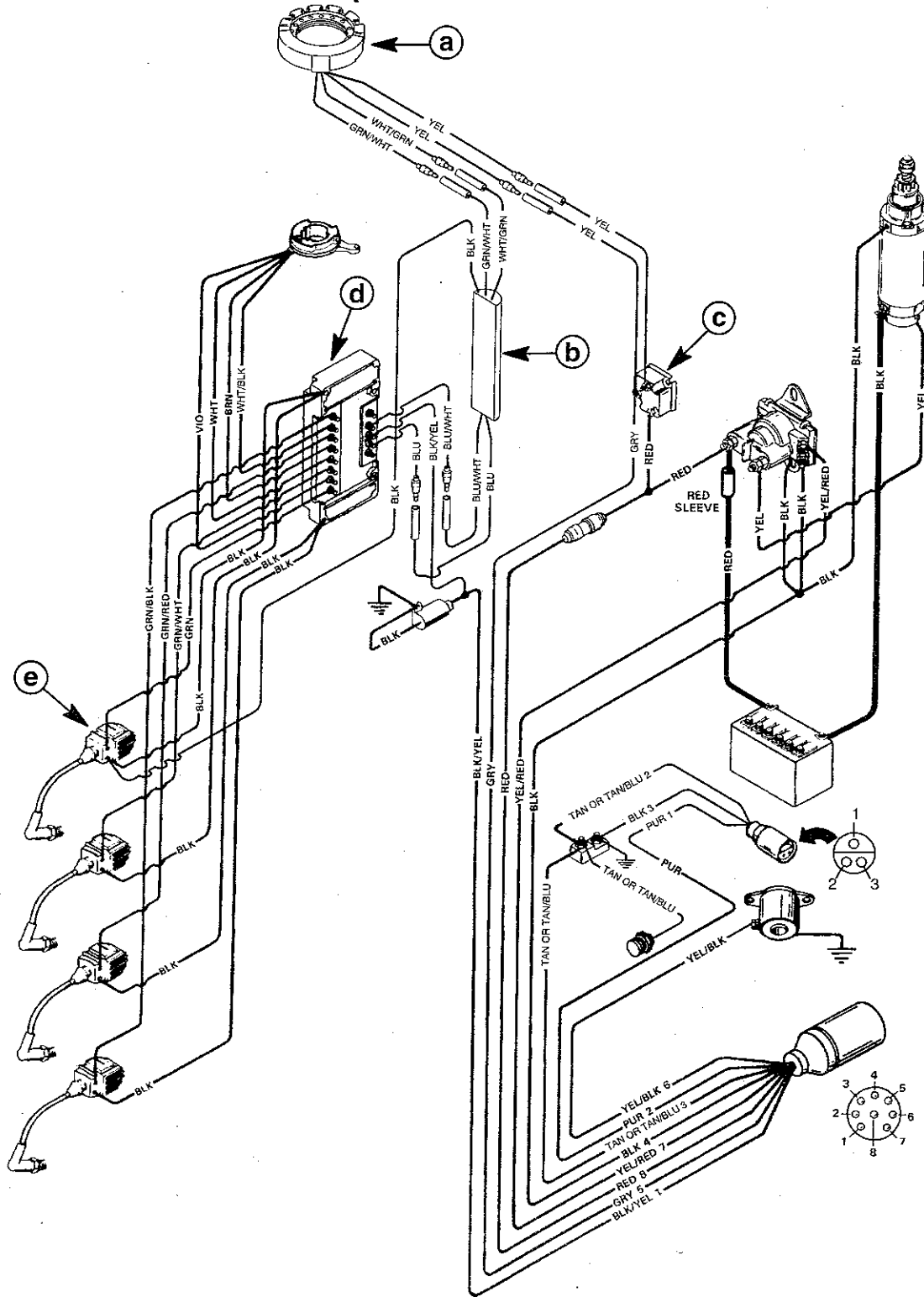


- a - 9 Ampere stator
- b - Stator adaptor
- c - Rectifier

- d - Switch box
- e - Ground connection

54920

Model 45/50 Classic with 9 Ampere RED Stator



- a - 9 Ampere stator
- b - Stator adaptor
- c - Rectifier

- d - Switch box
- e - Ground connection

54921