



# COLOR DIAGRAMS

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**See Section 2D for 2001 Model Year and Prior Wiring Diagrams**





**25 BIGFOOT (4 STROKE)  
REMOTE CONTROL ELECTRIC  
2002 MODEL YEAR  
USA S/N 0G760300 AND UP  
BELGUIM S/N 0P059000 AND UP  
COLOR WIRING DIAGRAM**



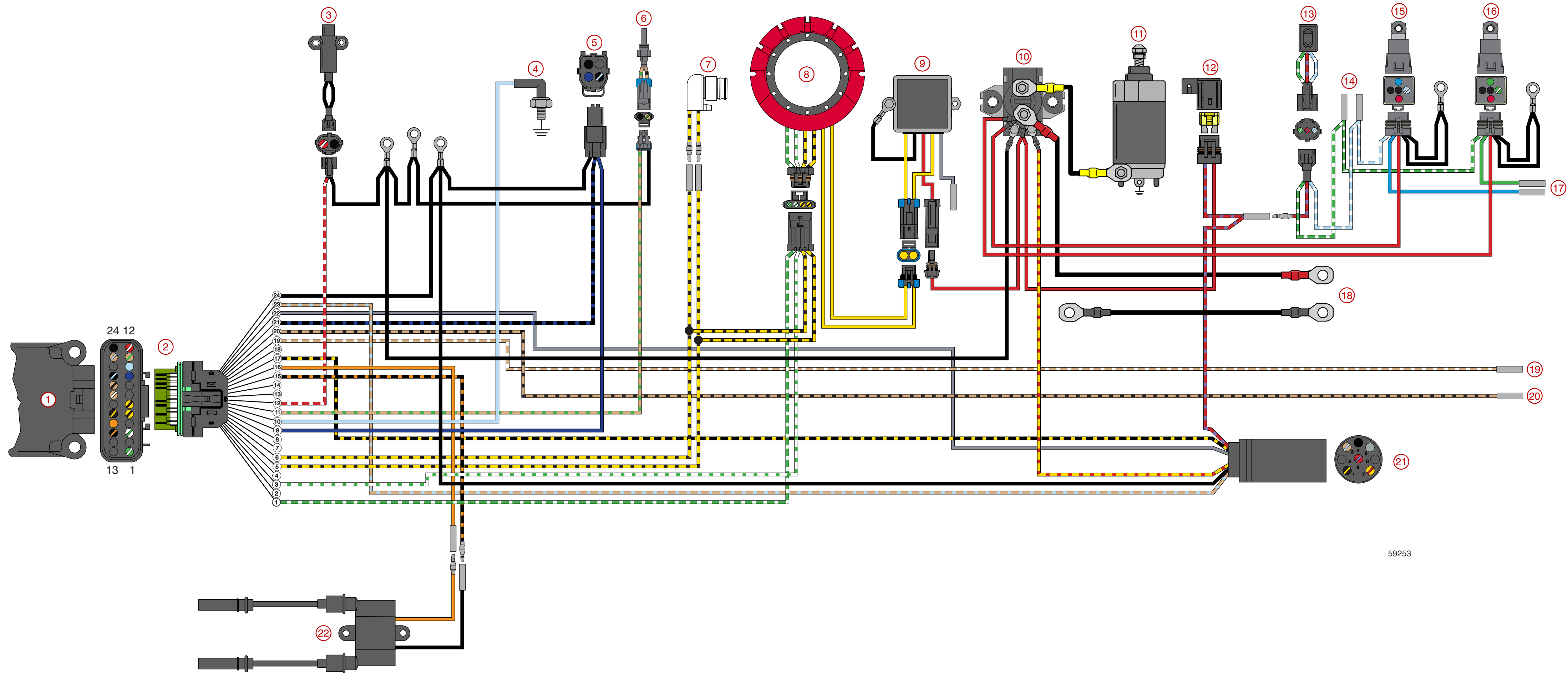
# **25 Bigfoot (4 Stroke) Remote Control Electric Wiring Diagram**

**2002 Model Year**

**USA S/N 0G760300 and Up**

**Belgium S/N 0P059000 and Up**

1. ECM
2. ECM 24 Pin Connector
3. Crank Position Sensor
4. Oil Pressure Switch
5. Diagnostic Tool Connector
6. Coolant Temperature Sensor
7. Auto Enrichener
8. Stator
9. Voltage Regulator / Rectifier
10. Start Solenoid
11. Starter
12. 20 Amp Fuse
13. Cowl Mounted Trim Switch
14. To Remote Trim Switch
15. Trim Up Relay
16. Trim Down Relay
17. To Trim Pump
18. To 12 Volt Battery
19. To Oil Pressure Lamp
20. To Over-Heat Lamp
21. Engine Harness Connector
22. ignition Coil



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**25 BIGFOOT (4 STROKE)  
TILLER HANDLE ELECTRIC  
2002 MODEL YEAR  
USA S/N 0G760300 AND UP  
BELGUIM S/N 0P059000 AND UP  
COLOR WIRING DIAGRAM**



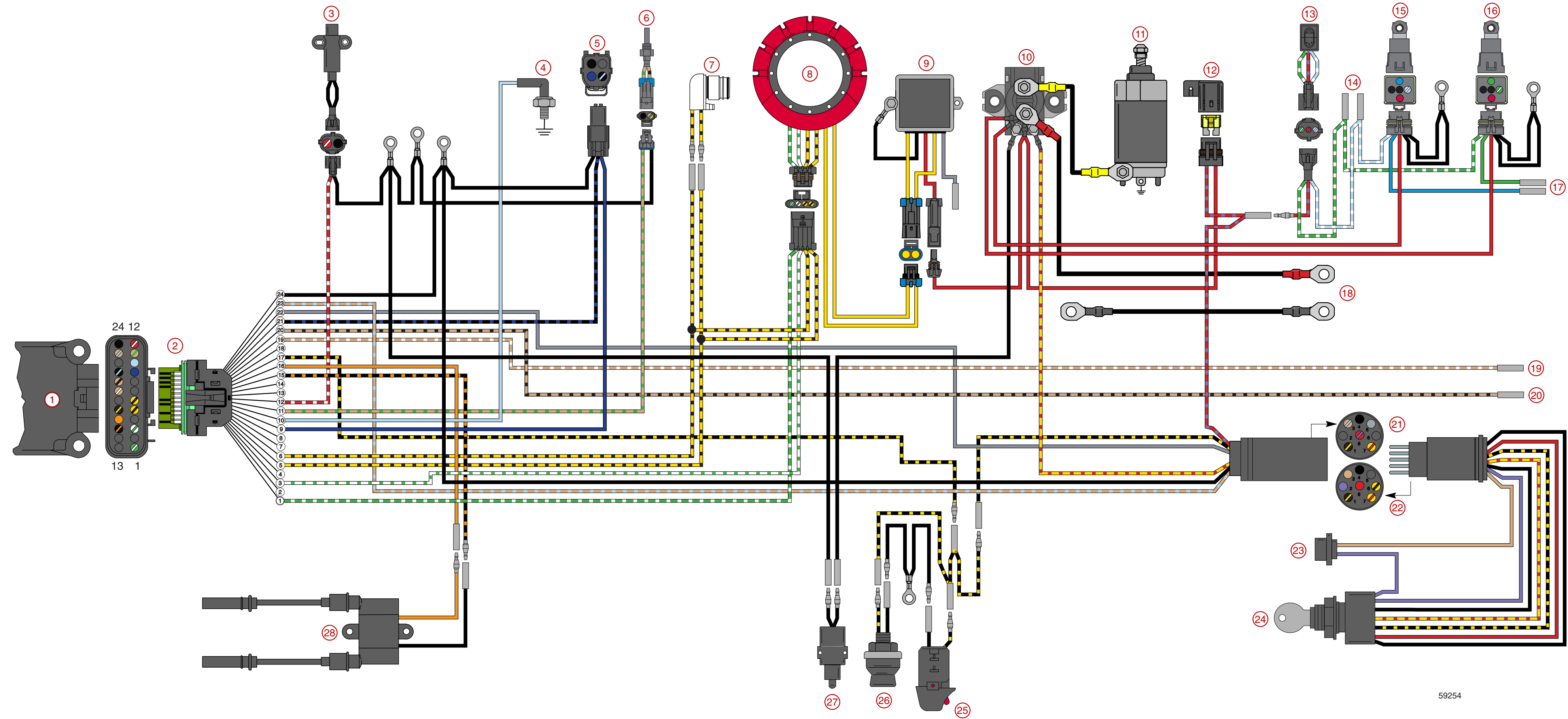
# **25 Bigfoot (4 Stroke) Tiller Handle Electric Wiring Diagram**

## **2002 Model Year**

### **USA S/N 0G760300 and Up**

### **Belgium S/N 0P059000 and Up**

1. ECM
1. ECM 24 Pin Connector
2. Crank Position Sensor
3. Oil Pressure Switch
4. Diagnostic Device
5. Coolant Temperature Sensor
6. Auto Enrichener
7. Stator
8. Voltage Regulator / Rectifier
9. Start Solenoid
10. Starter
11. 20 Amp Fuse
12. Cowl Mounted Trim Switch
13. To Remote Trim Switch
14. Trim Up Relay
15. Trim Down Relay
16. To Trim Pump
17. Battery Connectors
18. To Oil Pressure Lamp
19. To Over-Heat Lamp
20. Remote Control
21. Engine Harness Connector
22. Tiller Handle Harness Connector
23. Horn
24. Key Switch
25. Lanyard Stop Switch
26. Push-Button Stop Switch
27. Neutral Start Switch
28. Ignition Coil





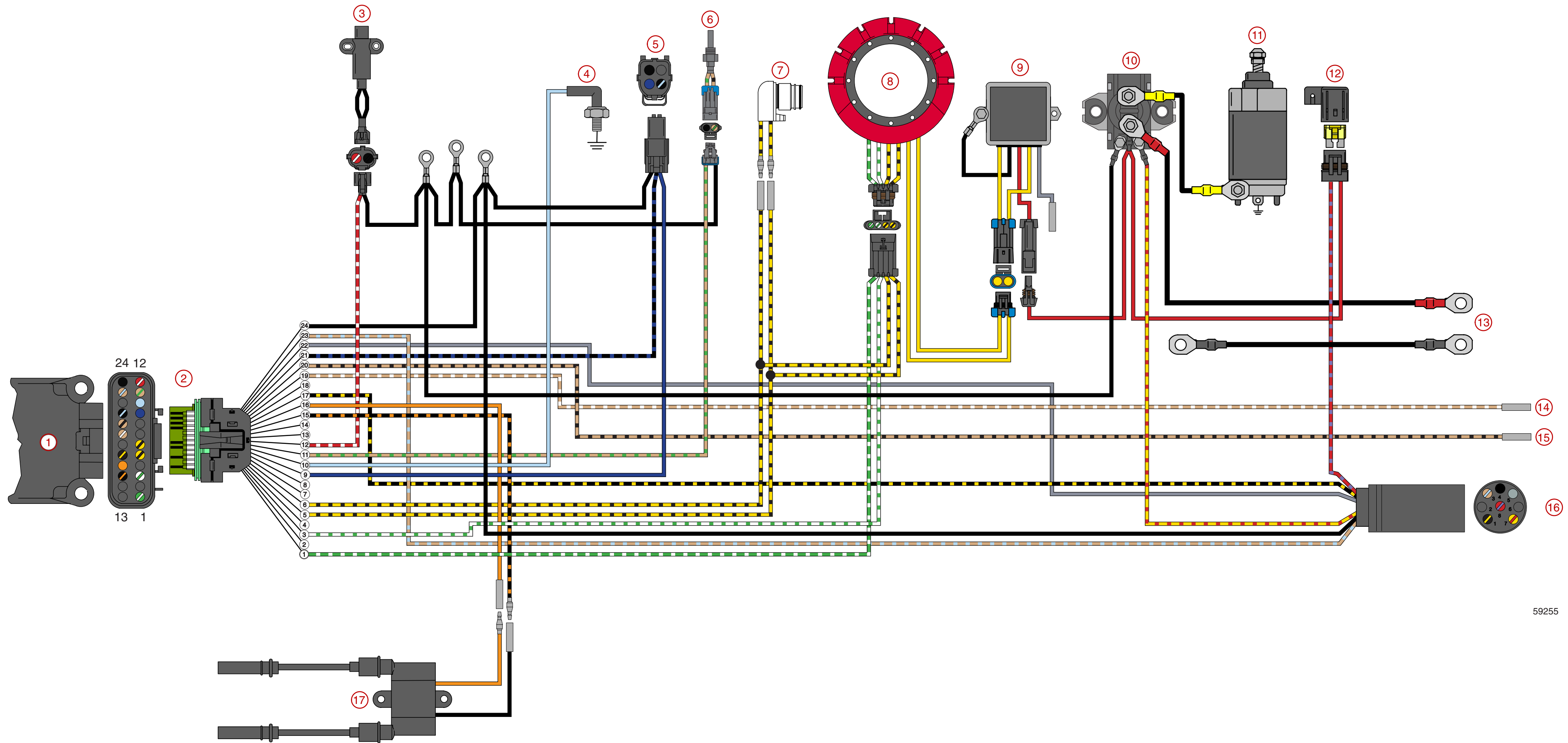


**25 BIGFOOT (4 STROKE)  
REMOTE CONTROL ELECTRIC (GAS ASSIST)  
2002 MODEL YEAR  
USA S/N 0G760300 AND UP  
BELGUIM S/N 0P059000 AND UP  
COLOR WIRING DIAGRAM**



# **25 Bigfoot (4 Stroke) Remote Control Electric (Gas Assist) Wiring Diagram USA S/N 0G760300 and Up Belgium S/N 0P059000 and Up**

1. ECM
2. ECM 24 Pin Connector
3. Crank Position Sensor
4. Oil Pressure Switch
5. Diagnostic Device Connector
6. Coolant Temperature Sensor
7. Auto Enrichener
8. Stator
9. Voltage Regulator / Rectifier
10. Start Solenoid
11. Starter
12. 20 Amp Fuse
13. Battery Connectors
14. To Oil Pressure Lamp
15. To Over-Heat Lamp
16. Remote Control
17. ignition Coil





**25 BIGFOOT (4 STROKE)  
TILLER HANDLE MANUAL  
2002 MODEL YEAR  
USA S/N 0G760300 AND UP  
BELGUIM S/N 0P059000 AND UP  
COLOR WIRING DIAGRAM**

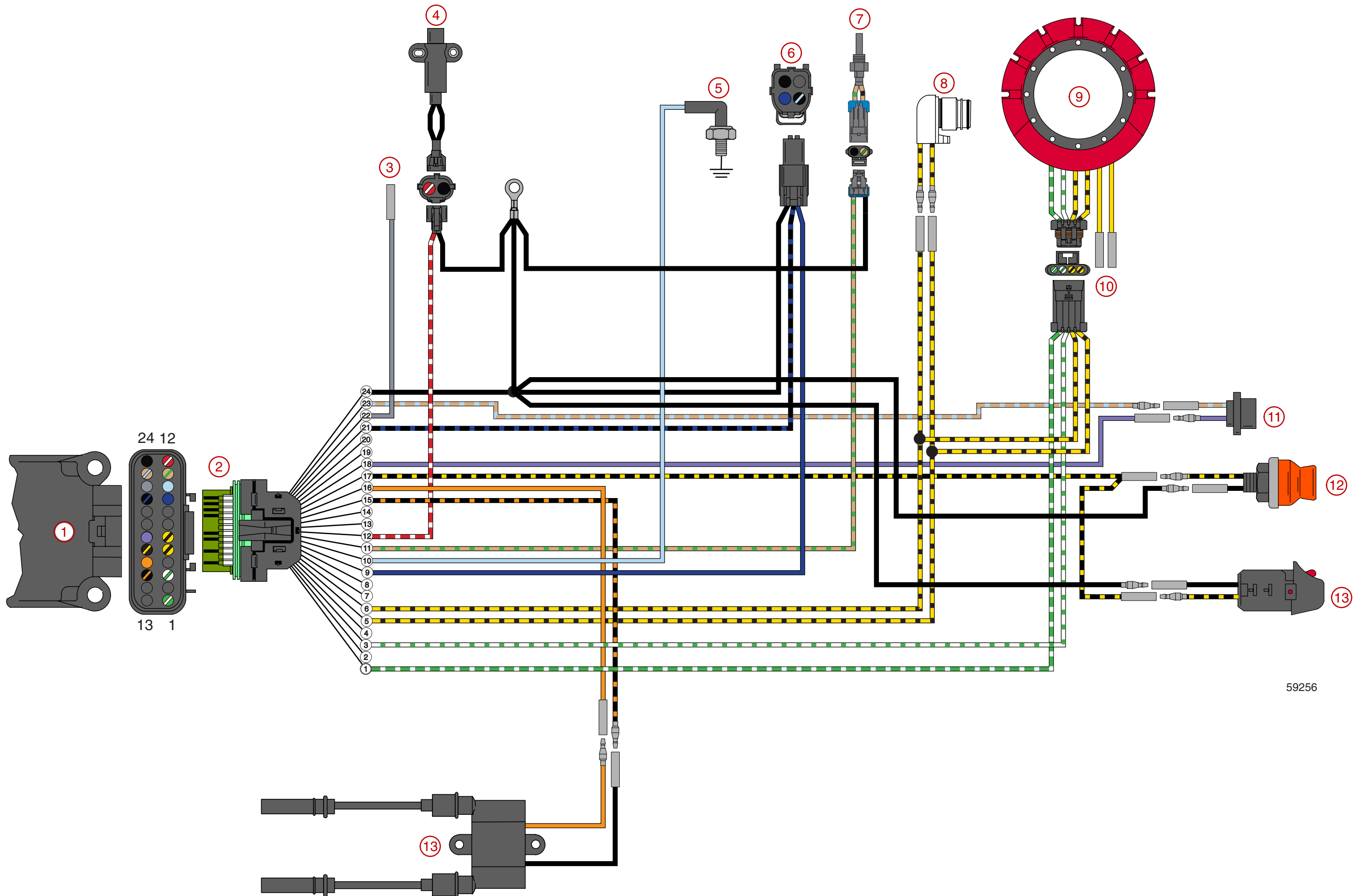


# **25 Bigfoot (4 Stroke) Tiller Handle Manual Wiring Diagram**

## **USA S/N 0G760300 and Up**

## **Belgium S/N 0P059000 and Up**

1. ECM
2. ECM 24 Pin Connector
3. To Tachometer
4. Crank Position Sensor
5. Oil Pressure Switch
6. Diagnostic Device Connector
7. Coolant Temperature Sensor
8. Auto Enrichener
9. Stator
10. Not Used
11. Horn
12. Push-Button Stop Switch
13. Lanyard Stop Switch
14. Ignition Coil





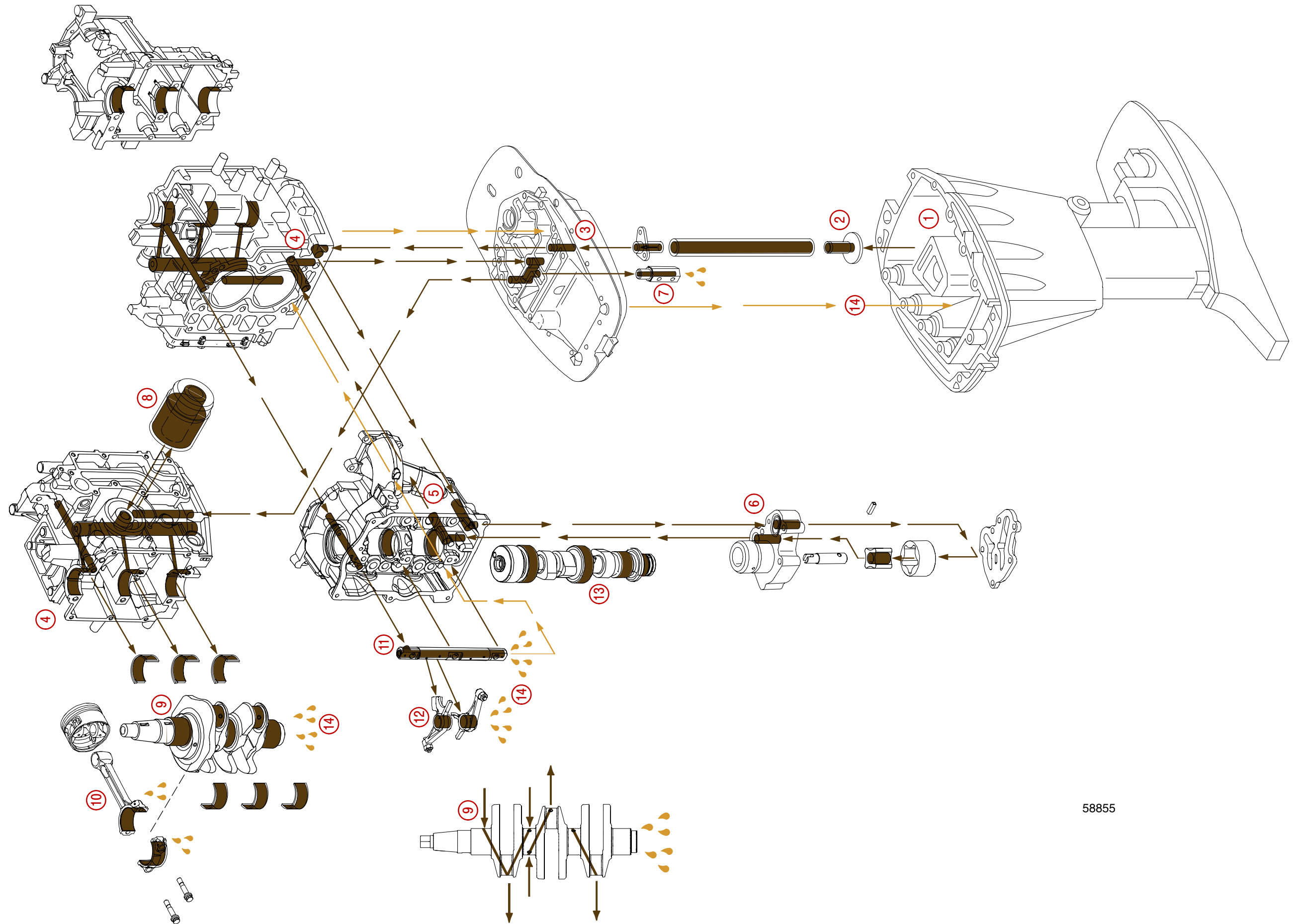
# **25 (4-STROKE) OIL FLOW DIAGRAM**



## 25 Bigfoot (4 Stroke) Oil Flow Diagram

1. Sump
2. Oil Pick-up - Oil in the sump is drawn through the pick-up tube, passages in the adapter plate, and cylinder block to the pump inlet
3. Oil Passages in Adapter Plate
4. Oil Passages in Cylinder Block
5. Oil Passages in Cylinder Head
6. Oil Pump - Pumps oil through passages in the adapter plate to the oil filter.
7. Oil Pressure Regulator - Maintains oil pressure in the circuit.
8. Oil Filter - Filtered oil exits from center of filter and flows to a distribution passage in the cylinder block.
9. Crankshaft - Filtered oil flows through passages in the crankshaft and cylinder block to lubricate bearings.
10. Piston, Rod, Wrist-Pin
11. Rocker Arm Shaft - Filtered oil enters the rocker arm shaft and lubricates the rocker arm and camshaft.
12. Rocker Arm
13. Camshafts
14. Return to Sump - Oil drains back to sump through passages in the cylinder block and adapter plate.







# **25 (4-STROKE) WATER FLOW DIAGRAM**



## 25 Bigfoot (4 Stroke) Water Flow Diagram

1. Water Inlet
2. Water Pump - Water is drawn through the inlet passages to the water pump.
3. Driveshaft Housing
4. Water Tube - Pressurized water flows through the water tube, adaptor plate, and cylinder block to the exhaust cover.
5. Adaptor Plate
6. Cylinder Block - Passages allow water to flow around cylinder walls and to cylinder head.
7. Cylinder Head - Water flows through passages and back down through cylinder block out to thermostat housing.
8. Exhaust Cover
9. Thermostat - Opens at 138 to 148 degrees F.
10. Fuel Cooler / Fuel Pump - Continuous water flow is used to cool fuel pump housing to prevent vapor lock in fuel lines.
11. Tell-Tale
12. Water discharged with exhaust.

