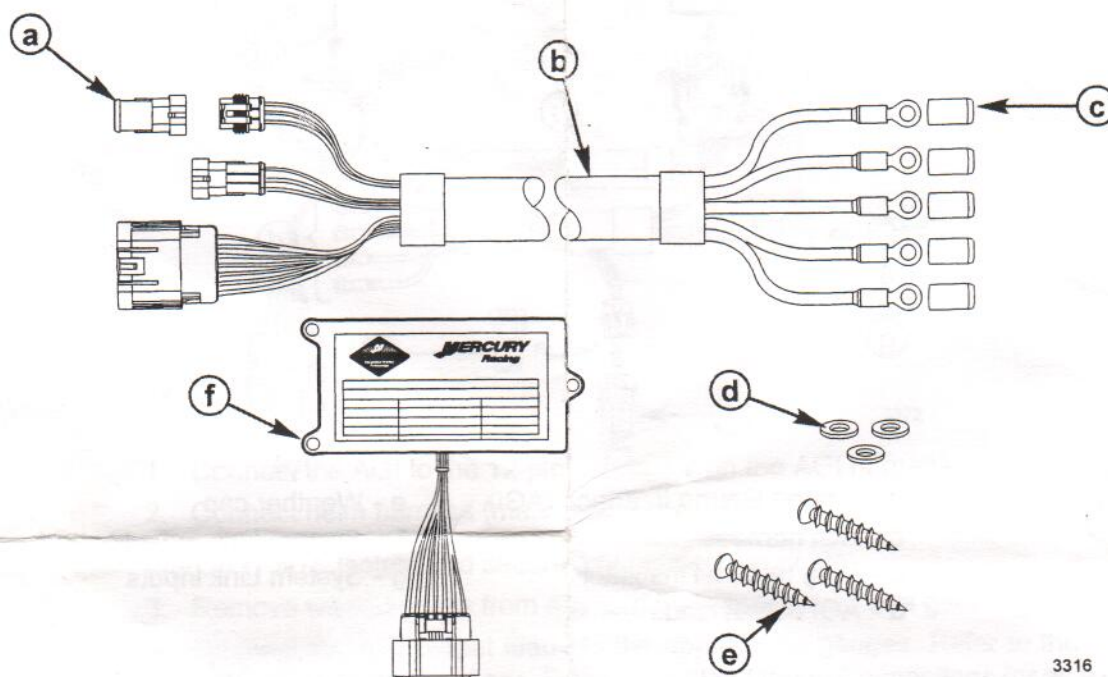


892486K04 and 892486K05 HP MC ENGINE OR VESSEL AGI INSTALLATION KIT

Components Contained in Kit



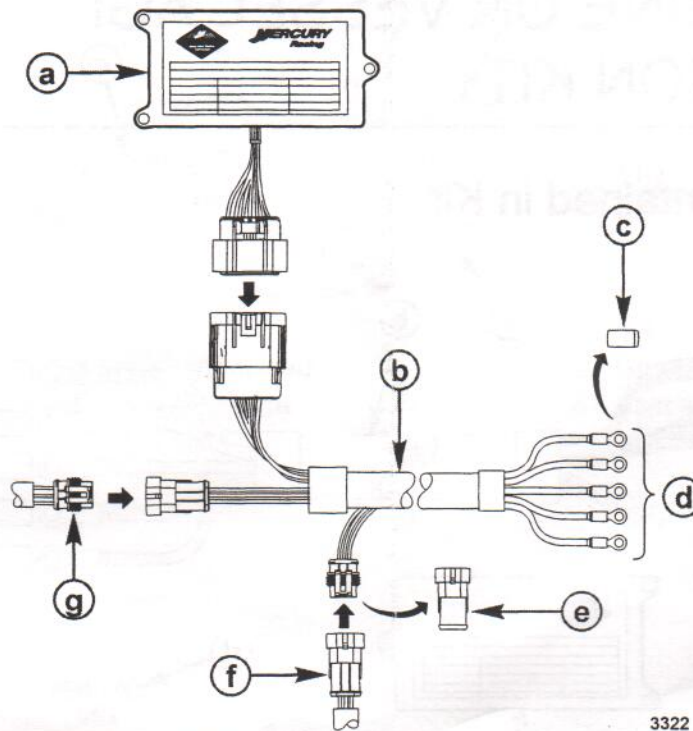
Ref.	Qty.	Description	Part Number
a	1	Weather cap	880054-A3
b	1	HP Analog Gauge Interface (AGI) Harness	84-892820A02
c	5	Terminal insulator	85-90268
d	3	Washer	12-29245
e	3	Screw	10-18303
f	1	HP MC Engine AGI (Kit P/N 892486K04)	892486A02
	1	Vessel AGI (Kit P/N 892486K05)	892486A03

Analog Gauge Interface (AGI) Installation

NOTE: Consider the entire boat wiring before installing to the boat. Mount the AGI with wires hanging down to allow any water to drain easily.

Using three screws and washers, mount the unit to the boat at the desired location.

Analog Gauge Interface (AGI) Connections



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- | | |
|----------------------------------|-------------------------|
| a - Analog Gauge Interface (AGI) | e - Weather cap |
| b - AGI harness | f - System Link outputs |
| c - Ring terminal insulator | g - System Link inputs |
| d - AGI output leads | |

Possible System Link Outputs

The following System Link outputs may be connected to the AGI harness (male, 3-pin connector):

- Additional AGI harness
- Extension harness
- System Link gauge

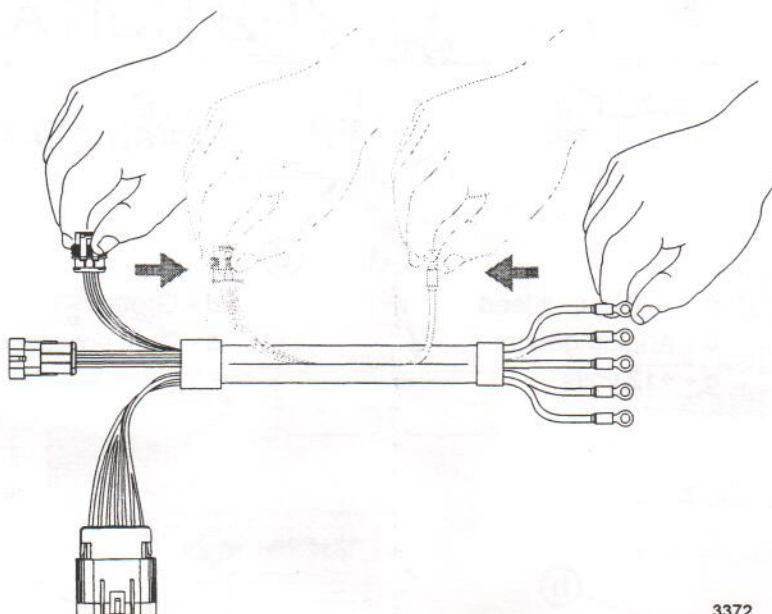
Possible System Link Inputs

The following System Link inputs may be connected to the AGI harness (female, 3-pin connector):

- Helm harness (with SC100 System Link enabled)
- Additional AGI harness
- Extension harness
- System Link gauge

IMPORTANT: Isolate and secure any unused connections with the weather caps or insulators, included in this kit.

NOTE: To accommodate System Link Gauge installation, the 3-pin (female) System Link connector may be pulled through the harness conduit and relocated at any position. AGI output terminals may also be pulled back through the conduit to provide additional length, depending on gauge layout.



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1. Connect the AGI to the 12-pin connector on the AGI harness.
2. Connect helm harness (male 3-pin connector) to the AGI harness.

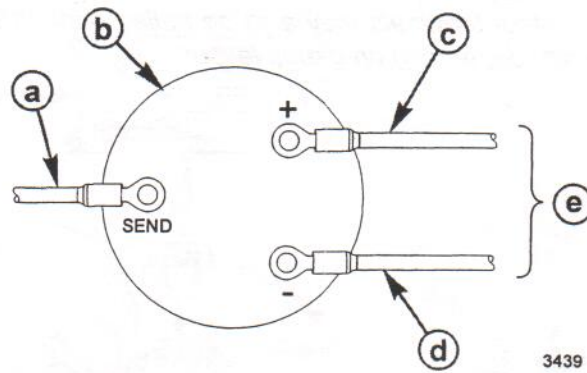
IMPORTANT: Isolate and secure any unused terminals.

3. Remove weather caps from any terminals connecting to a gauge.
4. Connect the AGI output leads to the appropriate gauges. Refer to the label on the AGI for proper connections. Refer to **Analog Gauge Connections** for an example of a typical analog gauge connection.

IMPORTANT: All non-SmartCraft accessories, including analog gauges, must be isolated from engine power. Failure to do so may result in an overloaded ignition circuit and an open ignition fuse, resulting in loss of engine power. Mercury Racing recommends powering non-SmartCraft accessories, such as analog gauges and backlighting, with the Auxiliary Power Harness, P/N 84-896040A01 (included with the MR MCM 14-Pin Rigging kits). Other possible options include:

- Relay Harness Assembly Kit (84-888429K01)
 - Accessory Power Harness Kit (84-889611K01)
 - Accessory Power Harness and Relay Harness Kit (84-889611K02)
 - Other acceptable boat accessory power not connected to engine power
5. **Optional:** Connect the AGI harness to System Link gauges, an additional AGI harness, or an extension harness using the 3-pin System Link connector. Protect with a weather cap if not used.

Analog Gauge Connections



a - AGI output lead
b - Analog gauge
c - +12 volts

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d - Ground
e - Boat accessory power

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