

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

14 Pin Adapter and Control Harnesses

NOTICE
Revised October 2005. This bulletin supersedes the previous bulletin number 2005-04, OEM Number 2005-03 May, 2005.

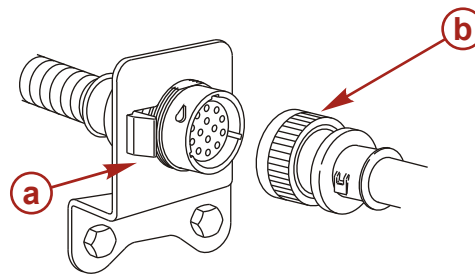
Models Affected

Models Covered	Serial Number Or Year
4-Stroke 25 through 225 HP V-6 EFI (Excluding Verado)	2006 Model
2-Stroke V-6 EFI Outboards 150 through 250 HP (Excluding Jet Drive)	2006 Model
2-Stroke OptiMax 75 through 225 HP (Excluding Jet Drive)	2006 Model

NOTE: Adapters are available that will allow connection of many 2005 and prior models to the new 14 pin key/choke harness. See adapters listed in this bulletin.

Situation

The 2006 models listed above have changed to a 14 pin connector for the main engine to boat control harness connection. A number of harness adapters have been developed to allow the use of older controls on new engines that use the 14 pin connector. Some of the new adapters will also allow the 2005 and prior models to use the new style 14 pin controls and key/choke harnesses.



New 14 pin connector

a - Engine end

b - Control harness end

Adapter Harnesses

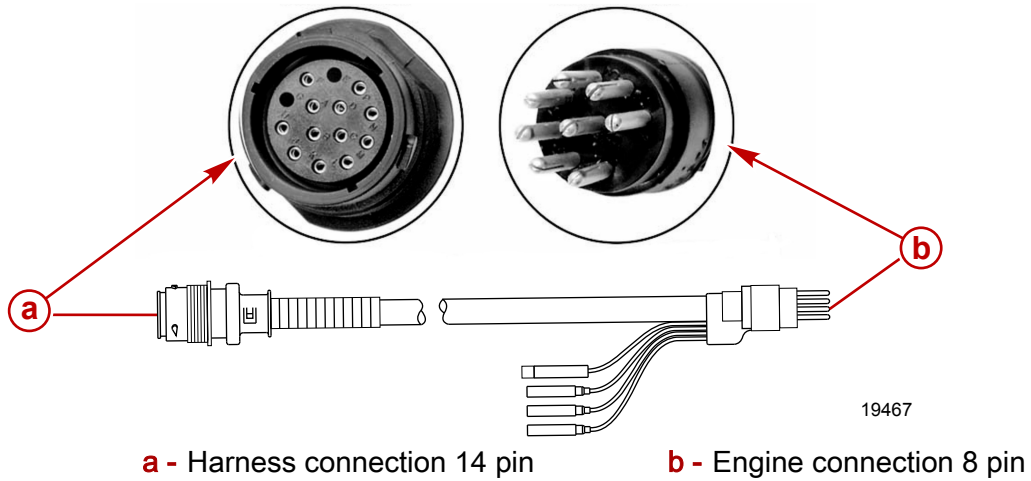
The following are adapter harnesses, controls, and key/choke harnesses for use with the new 14 pin harness connector.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

84-896539T_

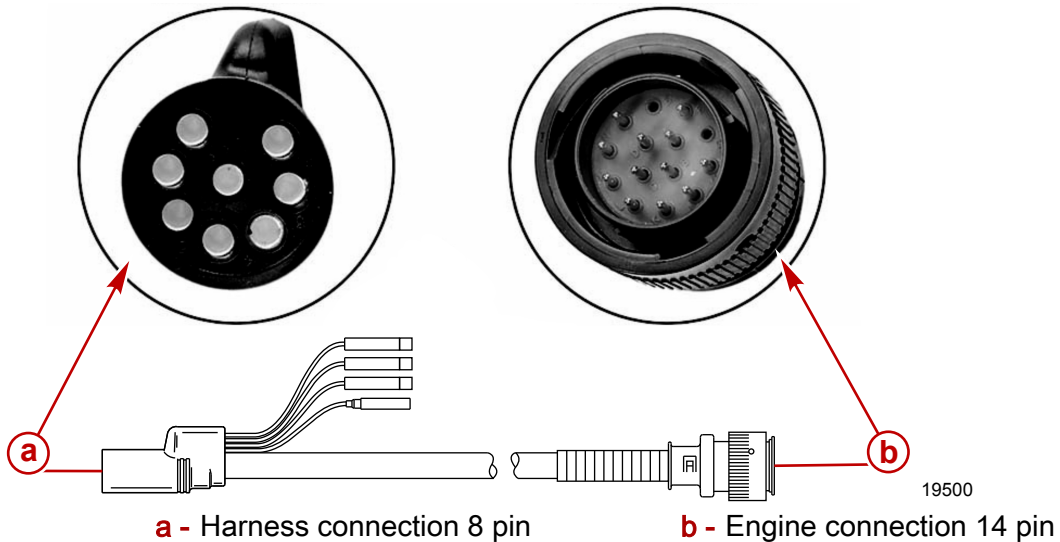
Adapts 2005 model year and prior engines that use the round 8 pin harness to the new 14 pin key/choke harness. Use with engines not being equipped with SmartCraft gauges.



Part Number	Length
84-896539T01	30.48 cm (12 inches)
84-896539T05	152.4 cm (60 inches)
84-896539T08	243.84 cm (96 inches)

84-896542T_

Adapts 2006 model year and newer engines that use the 14 pin harness to the old round 8 pin control or key/choke harness.



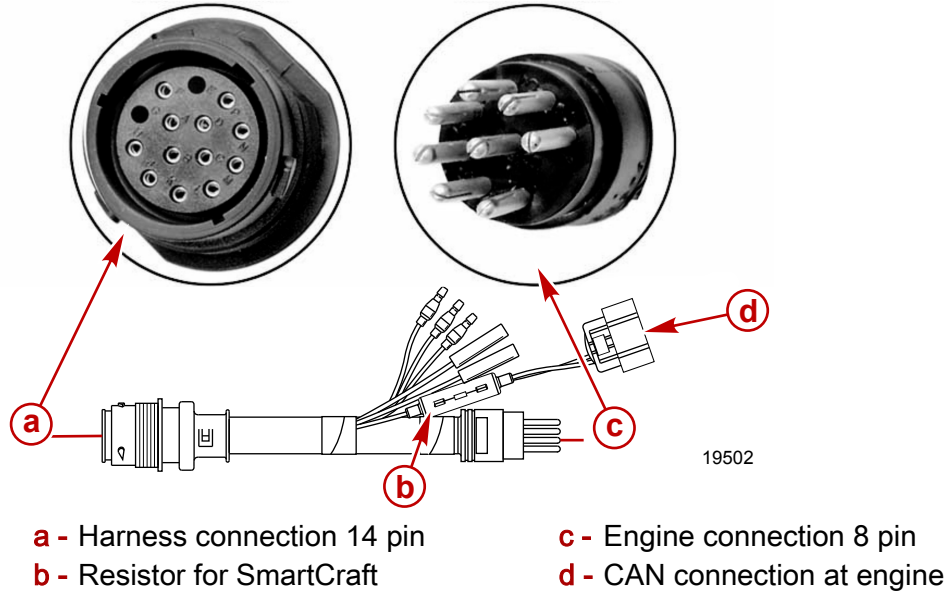
Part Number	Length
84-896542T01	30.48 cm (12 inches)
84-896542T05	152.4 cm (60 inches)
84-896542T08	243.84 cm (96 inches)

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

84-892092T_

Adapts **2005 model year and prior** engines that use the round 8 pin harness to the new 14 pin control or key/choke harness. Use with engines being equipped with SmartCraft gauges. The adapter allows engine and boat data to be transmitted through the new 14 pin control or key/choke harness. The new 14 pin control or key/choke harnesses have connections at the helm for SmartCraft gauges. A separate blue data harness would no longer be required.



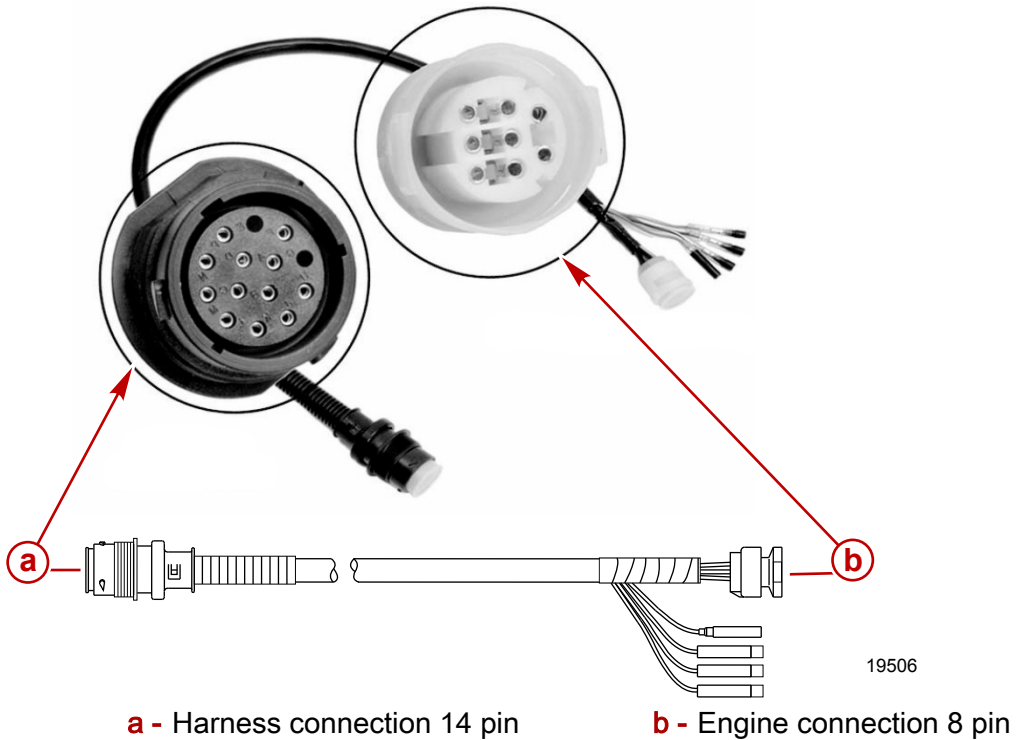
Part Number	Length
84-892092T01	30.48 cm (12 inches)

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

84-896541T_

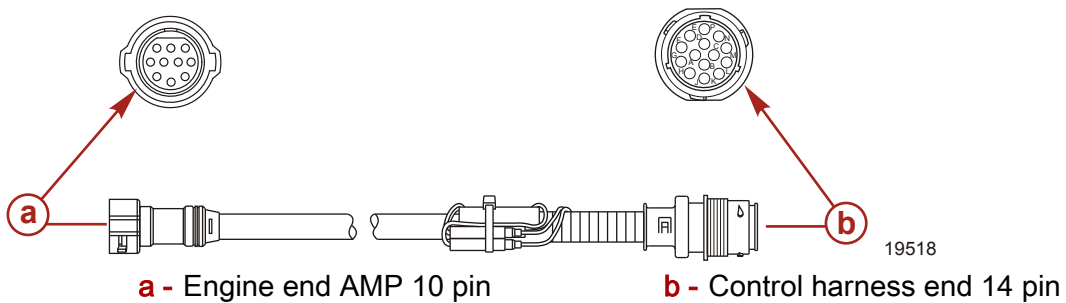
Adapts the **2005 model year 8/9.9 HP (209cc) 4-Stroke engines** to the new 14 pin control or key/choke harness.



Part Number	Length
84-896541T01	91.44 cm (36 inches)

84-858740T_

Adapts the **2005 model year and prior 75/90 HP 4-Stroke Carb/EFI, 115 HP and 225 HP V-6 EFI 4-Stroke engines**, and the **2006 model year 75/90/115 HP (International 80/100 HP) EFI, 225 V-6 EFI 4-Stroke** to the new 14 pin control or key/choke harness.



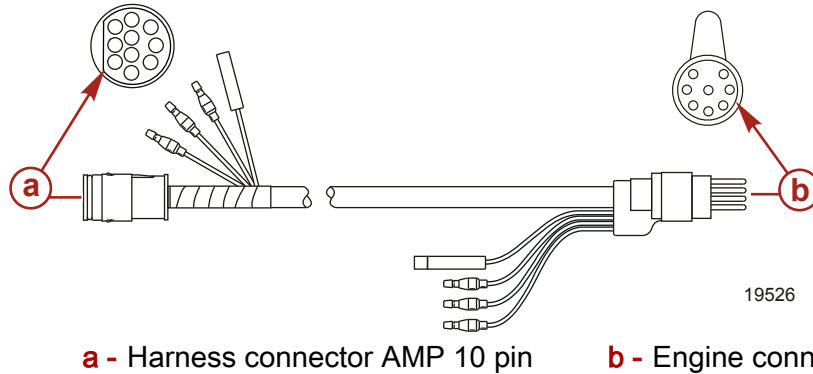
Part Number	Length
84-858740T06	40.64 cm (16 inches)

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

84-898142T_

Adapts engines with the round 8 pin to controls with the AMP 10 pin connector.



Part Number	Length
84-898142T01	30.48 cm (12 inches)

Part Number Comparison

Listed below is a comparison between the old round 8 pin and the new 14 pin controls and key/choke harnesses. The older 8 pin controls and key/choke harnesses **DO NOT** supersede to the new 14 pin. The list is intended to give you an application reference between old and new. The new controls and key/choke harnesses have connections for CAN #1 & 3, junction box connection for SmartCraft, and a connection for accessory power relay.

NOTE: Most adapter harnesses using the round 8 pin connector are shipped with a clamp (P/N 826115A01) to retain the 8 pin to 8 pin harness connection together when connections are made outside the engine cowl.

Control	Old P/N	New P/N
• Elect P/T 15' harness	881170A15	881170A13
• Elect P/T 20' harness	881170A20	881170A14
• Elect no P/T 15' harness	881170A3	881170A16
• Key/choke	816626A2	896537K02
• Key/choke	816626A8	896537K08
• Key/choke	816626A11	896537K11
• Key/choke	816626A15	896537K15
• Key/choke	816626A20	896537K20
• Key/choke	816626A24	896537K24
• Key/choke	816626A25 (2 pcs)	896537K24 ¹ .
• Key/choke	816626A29	896537K29
• Key/choke	816626A30 (2 pcs)	896537K29 ¹ .
• Key/choke		896537T40
• Transom mounted key switch/choke	15000A7	15000A12

1. The older kits 816626A25/A30 included 2 key/choke harnesses for twin engine applications. The new harnesses 896537K24/K29 only include 1 key/choke harness, and will require you to order 2 harnesses if rigging a twin engine boat.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.