

2004 Ford Mustang V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

ELECTRICAL - WIRING SOLDERING/CRIMPING SERVICE TIPS

Related Links

Service Tips

TSB 05-18-7

09/22/05

WIRING - SOLDERING AND CRIMPING REPAIRS -
SERVICE TIPS

FORD:

2000-2006 Crown Victoria, Focus, Mustang, Taurus

2002-2005 Thunderbird

2005-2006 Five Hundred, Ford GT, Freestyle

2006 Fusion

2000-2003 Explorer Sport, Windstar

2000-2005 Excursion

2000-2006 E-Series, Expedition, Explorer,

F-150, F-Super Duty, Ranger

2001-2005 Explorer Sport Trac

2001-2006 Escape

2004-2006 Freestar

2005-2006 Escape Hybrid

2000-2006 F-650, F-750

2006 Low Cab Forward

LINCOLN:

2000-2006 LS, Town Car

2006 Zephyr

2000-2006 Navigator

2002-2003 Blackwood

2003-2005 Aviator

2006 Mark LT

MERCURY:

2000-2002 Cougar

2000-2005 Sable

2000-2006 Grand Marquis

2005-2006 Montego

2006 Milan

2000-2006 Mountaineer

2004-2006 Monterey

2005-2006 Mariner

2006 Mariner Hybrid

This article supersedes TSB 03-11-6 to update the service procedure, vehicle lines and model years.

ISSUE

Wire harness repairs are supported through the availability of individual components such as:

^ Wire terminals with machine crimped pigtails

^ Hard shell connectors

^ Dual wall heat shrink tubing

^ Complete, loaded, wiring pigtail kits

Some of the available tools and service parts that are helpful when performing wiring harness repairs are:

^ Motorcraft Wiring Pigtail Catalog (see website for more information)

^ Rotunda Wire Splice Tool kit 164-R5903

^ General Wire Terminal Repair Kit (order through Ford Component Sales)

Information on the pigtail and terminal repair kits can also be accessed by technicians via the P15 web site. To access on PTS:

^ Select the year/model of the vehicle on the P15 home page

^ Select the wiring tab

^ Select the link to the pigtail or terminal repair kit at the top right of screen.

Additional service information contained in this TSB detailing wire folding, soldering, and crimping techniques may be helpful.

ACTION

REPAIR VS REPLACEMENT

The approved procedure is to repair wiring harnesses with pigtail kits, wire terminals, or hard shell connectors when available. The only exceptions to this procedure are when:

^ The repair cost exceeds the cost to replace the wiring harness

^ There are no component parts released to service the wiring harness

RESTRAINTS RELATED WIRING REPAIRS

If restraints connectors or wiring circuits are contained in a stand-alone harness, do not repair them; replace the restraints harness unless directed to repair the circuit by a TSB or other Ford Motor Company publication.

If restraints connectors or wiring circuits are contained in the main vehicle wiring harnesses (14401, 14A005, etc.), they should be repaired using the solder and heat-shrink repair procedure specified in this TSB. The General Wire Terminal Repair Kit contains gold plated terminated pigtails (with white insulation) and dual wall heat shrink tubing to perform these repairs. Loaded wiring pigtail kits with gold plated terminals are also available in the parts catalog.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle.

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