

### FORD:

2000-2003 Focus  
2005-2006 Focus, Mustang  
2002 Ranger  
2004-2006 F-150, Freestar  
2005 Escape  
2005-2006 Expedition  
2006 F-650, F-750

### LINCOLN:

2005-2006 Navigator  
2006 Mark LT

### MERCURY:

2004-2006 Monterey  
2005 Mariner

This article supersedes TSB **04-14-7** to update vehicle lines and model years.

### ISSUE

Ford Motor Company has “consolidated” high and low content harnesses to make the service selection easier, and to reduce the number of harnesses required for service. Due to this consolidation, service replacement harnesses may or may not look exactly like the production harness being replaced. Service replacement harnesses may come equipped with additional connectors that will not be used.

### ACTION

Should replacement of a production wire harness become necessary, determine whether the harness is to be used in a WET or DRY environment, then refer to the appropriate Service Procedure below.

### SERVICE PROCEDURE

#### NOTE

IF UNSURE WHETHER THE ENVIRONMENT FOR THE HARNESS WILL BE “WET” OR “DRY”, ALWAYS TREAT AS A “WET” ENVIRONMENT.

#### Extra Open Connectors - Procedure For “Dry” Environment/Interior Wiring Harness:

Any extra open connectors should be tucked, folded, and taped out of the way to avoid creating a rattle or becoming loose (Figure 1). If space allows, position the connectors so they point downward, this will avoid the connector catching water in case of a water leak.

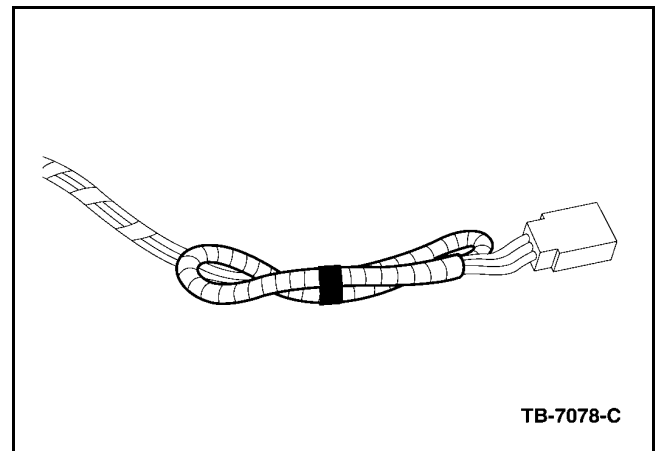


Figure 1 - Article 05-16-12

#### Extra Open Connectors - Procedure For “Wet” Environment/Exterior Wiring Harness:

1. Cut each wire from the extra connector as close to the connector as possible (Figure 2).

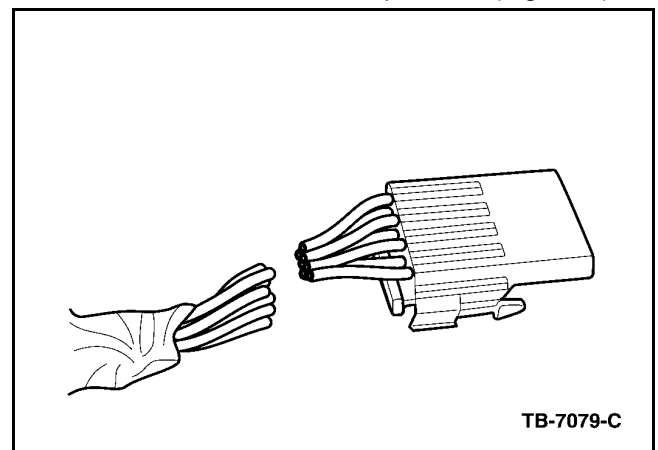


Figure 2 - Article 05-16-12

**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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company’s on-line technical resources.

## TSB 05-16-12 (Continued)

- Using dual wall heat shrink tubing, position tubing over each individual wire (Figure 3).

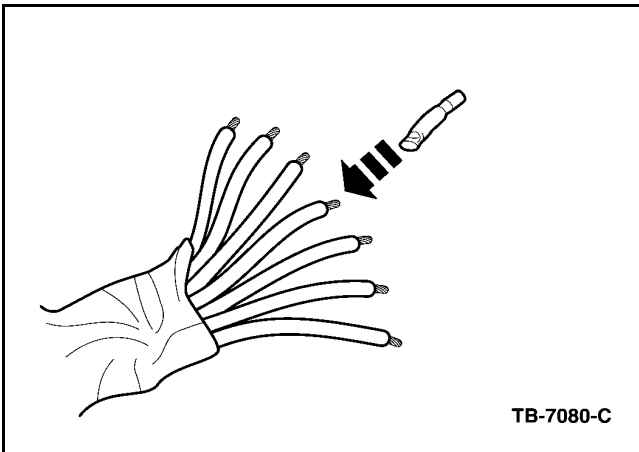


Figure 3 - Article 05-16-12

- Use a shielded, flameless heat gun to heat the repair area until the tubing shrinks and adhesive flows out of both ends of the shrink tubing. While the adhesive is still hot, use pliers to pinch the ends of the heat shrink tubing closed to form a moisture proof seal (Figure 4).

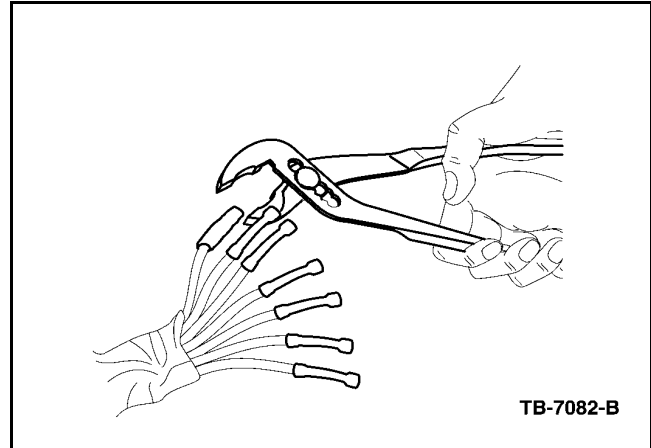


Figure 4 - Article 05-16-12

- Use electrical tape to bundle the wires together, then stow the bundle under an existing harness in the area.

**WARRANTY STATUS:** Eligible Under Provisions Of  
New Vehicle Limited  
Warranty Coverage