Packard Mating Connector
Terminal Installation Instructions

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1 | OVERVIEW

These instructions aid in the use and installation of mating connectors in a Packard connector. Packard connectors are common connectors used in wiring harnesses.

GAC recommends new users practice this skill on trial wire to connector setups before creating the final wiring harness for use with GAC products. Wiring harnesses are also available as special orders from Governors America Corp.

2 | REQUIRED TOOLS

In addition to the terminal connector, wire, plugs, and Packard connector required to create your cable harness the following additional tools are required:

- Wire strippers/cutters
- Barrel-style crimping tool. The following list is a selection, other manufacturers can be used. Select the tool based on the wire gauge being used. The following table are for use with Delphi (Aptiv) metri-pack 150 and 280.

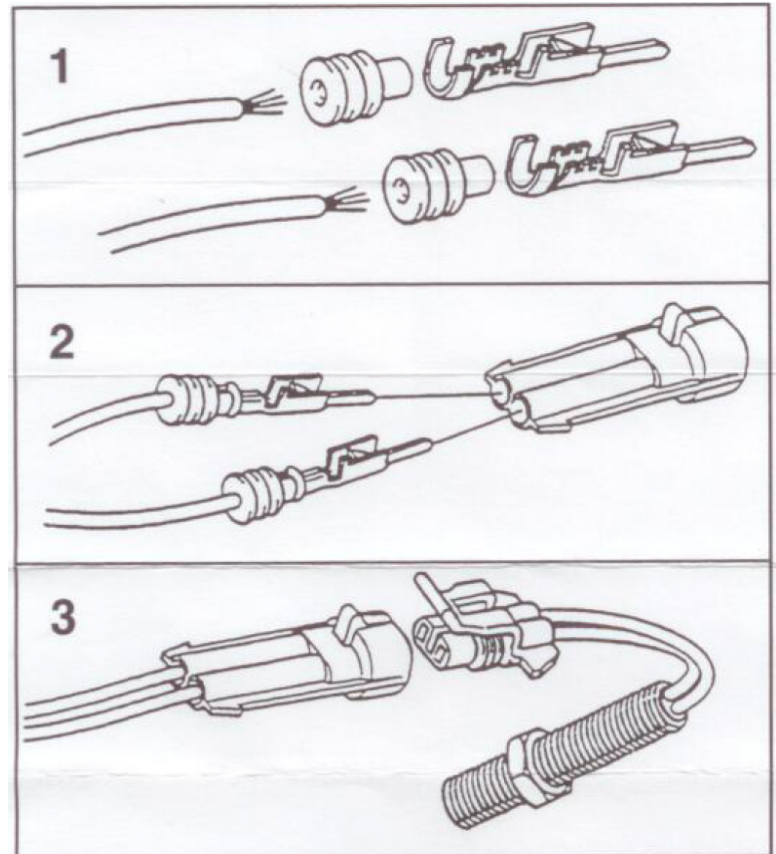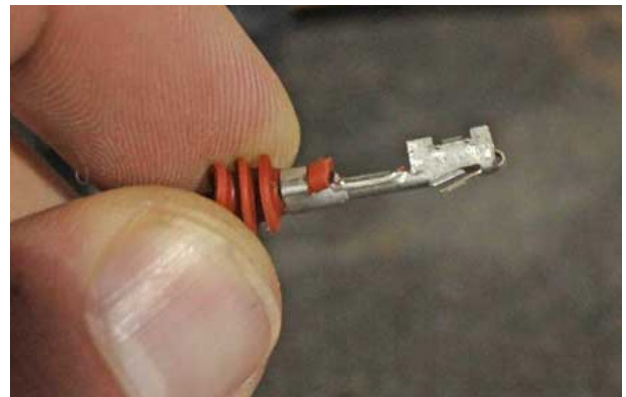| WIRE GAUGE	METRI-PACK CONNECTORS	MANUFACTURER	PART NUMBER
22-16	150-280	APTIV	12039500
12-10	280	APTIV	T-17
22-12	150-280	APTIV	T-18
18-14	150-280	APTIV	12155975
30-16	150-280	APTIV	T-10

SAMPLE CRIMPING TOOL

3   CRIMPING TERMINAL TO WIRE

1. Strip 1/4" of wire insulation.

2. Slide the silicone plug over the wire before adding the terminal to the wire.

3. Insert the terminal into the crimping tool. Ensure the wire and plug are fully seated in the terminal.

4. The tool has a special shape that forms an "M" shape on the tangs, pushing them into the wire. Crimp terminal to wire.

5. Once the terminals are crimped slide them into the connector until it clicks in place.

A crimping tool with ratcheting action does not unlock the tool until the crimp is complete. This capability is preferred.

FINISHED CRIMP

Contact GAC for further assistance.
GAC@governors-america.com or call: 1-413-233-1888