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1993 CHEVROLET Camaro OEM Service and Repair Workshop Manual

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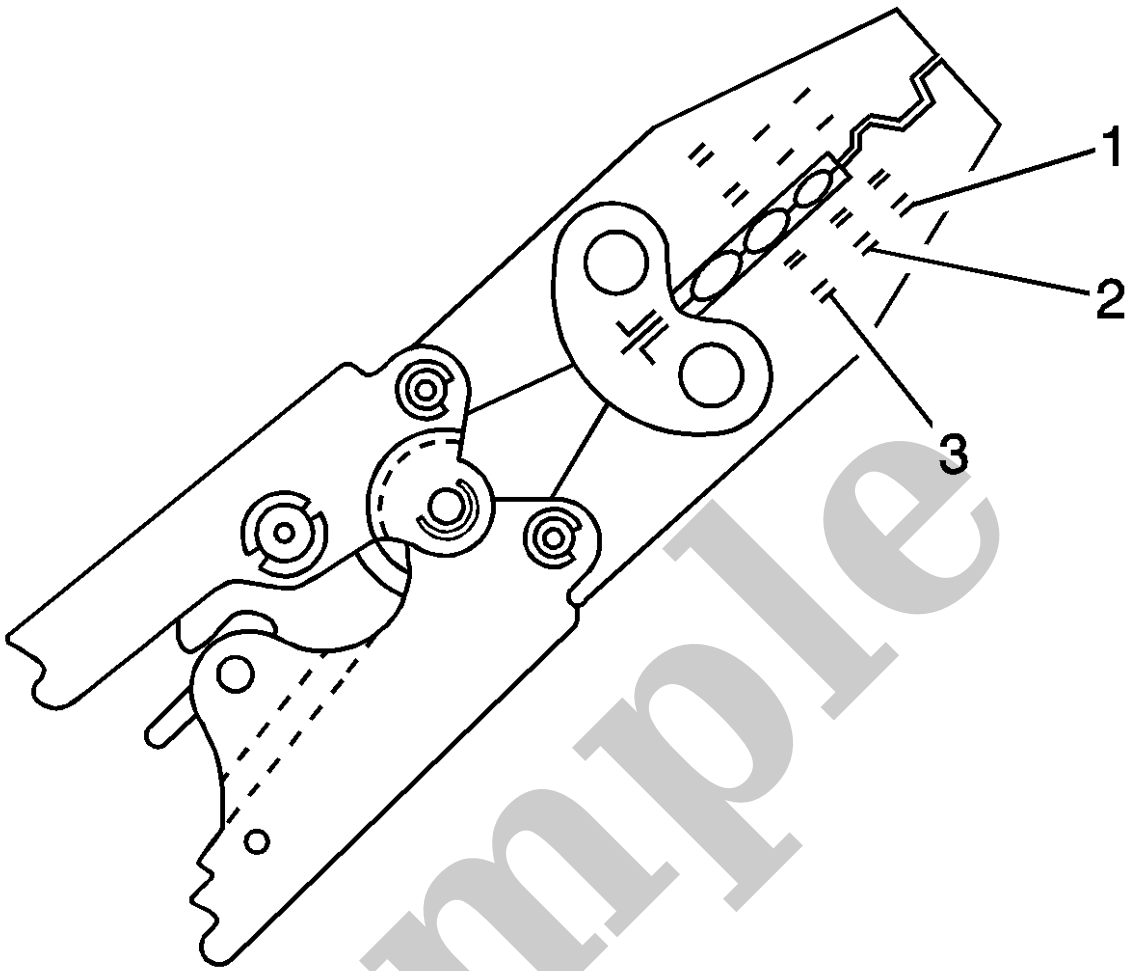


7.

GMNA crimping tool **J-38125-8** ***splice sleeve crimping tool*** has three crimp nests. The largest crimp nest (3) is used for crimping 6.5 and 3.0 mm² (9 and 12 gauge). The second largest crimp nest (2) is used for crimping 2.0 and 1.0 mm² (14 and 16 gauge) wires. The smallest crimp nest (1) is used for crimping 0.75 and 0.50 mm² (18 and 20 gauge) wires. The crimp nests are referenced in the table (farther above) under the crimp tool nest color.

8. Use the splice sleeve crimp tool in order to position the DuraSeal splice sleeve in the proper color nest of the splice sleeve crimp tool. For the four crimp nest tool, use the three largest crimp nests to crimp the splice sleeves. For the three crimp nest tool, use all three crimp nests to crimp the splice sleeves. Use the four and three crimp tool diagrams (above) and the table (farther above) to match the splice sleeve with the correct crimp nest. The crimp tool diagram call out numbers match the numbers in the table (under crimp tool nest color).

10.

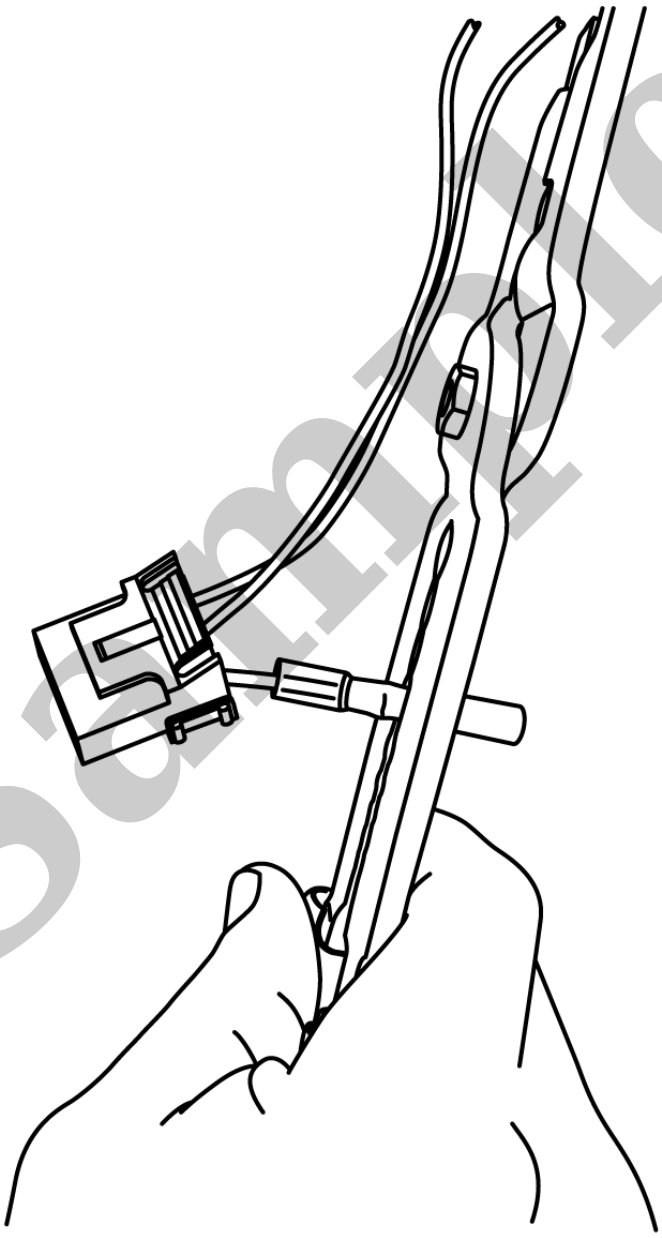
Insert the wire into the splice sleeve barrel until the wire hits the barrel stop. Refer to Folded-Over Wire Repair for splicing wires 0.35 and 0.13 mm² (22 to 26 gauge) wires and for splicing wires of different gauges.

11. Tightly close the handles of the crimp tool until the crimper handles open when released.

The crimper handles will not open until you apply the proper amount of pressure to the DuraSeal splice sleeve. Repeat steps 4 and 6 for the opposite end of the splice.

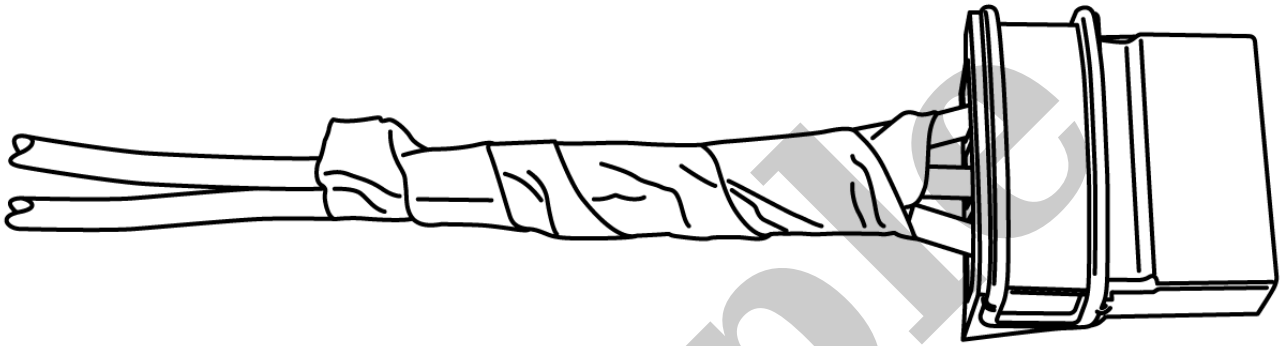
Some replacement pigtail connectors may be delivered without the terminated leads installed into the connector. For Weatherpack™ connectors, all terminated leads included in the package should to be installed into the connector. If the connector end view shows that a terminal is not occupied, the extra terminated lead(s) need to be installed and the end(s) sealed using a DuraSeal splice sleeve and taped back into the harness.

1. Insert the wire into the splice sleeve barrel until the wire hits the barrel stop. Refer to Folded-Over Wire Repair for splicing wires 0.35 and 0.13 mm^2 (22 to 26 gauge) wires and for splicing wires of different gauges.



2. Tightly close the handles of the crimp tool until the crimper handles open when released.

   The crimper handles will not open until you apply the proper amount of pressure to the DuraSeal splice sleeve. Holding the DuraSEAL with one hand gently tug on the wire to ensure it is crimped in the



5. Tape the excess terminated lead(s) back into the harness. The tape should cover the harness by 25 mm (1 Inch). Use care to make sure the taping does not cause strain on the wiring and terminals, Improper taping can cause wire and terminal fretting.

High Temperature Wiring Repairs

Use the following procedures to perform high temperature wiring repairs:

NOTE

Note

All wiring repairs need to be 200 mm from the heat zone. Areas of consideration would be any area located near the exhaust manifolds, catalytic converter, exhaust pipes, and turbocharged engines.