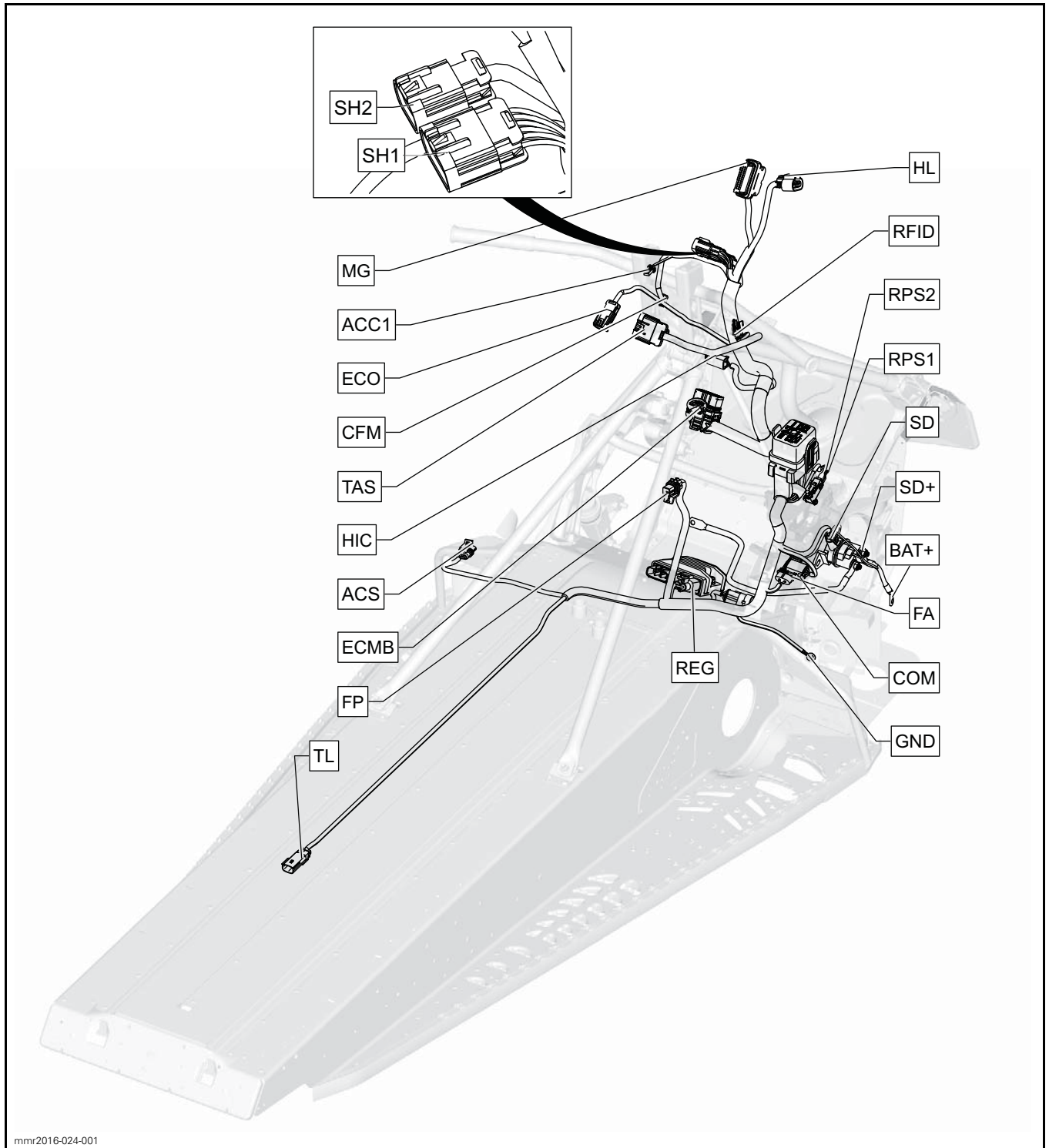


WIRING HARNESS AND CONNECTORS

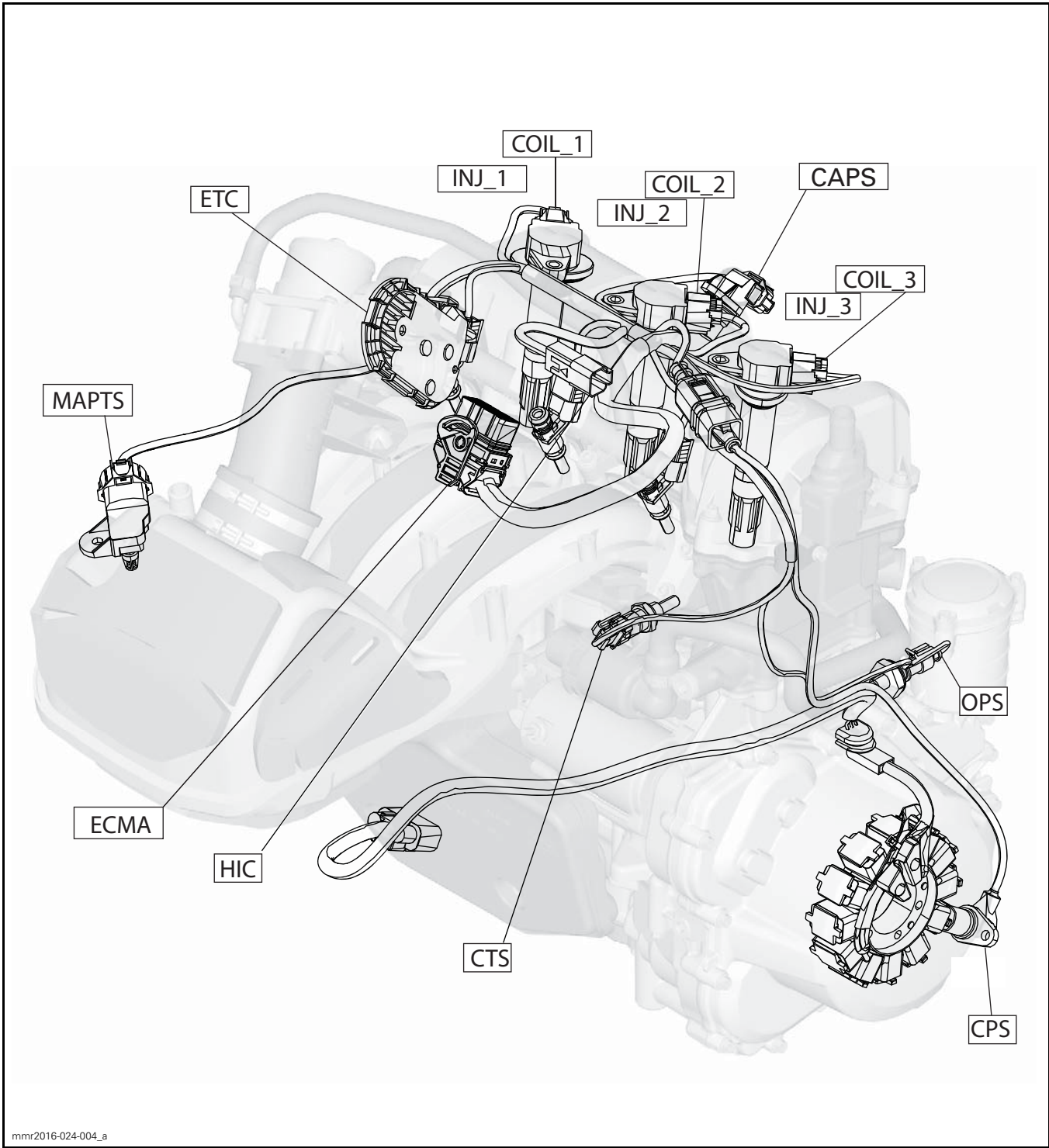
CHASSIS HARNESS

XS Chassis with 1200 4-TEC Engine



ENGINE HARNESS

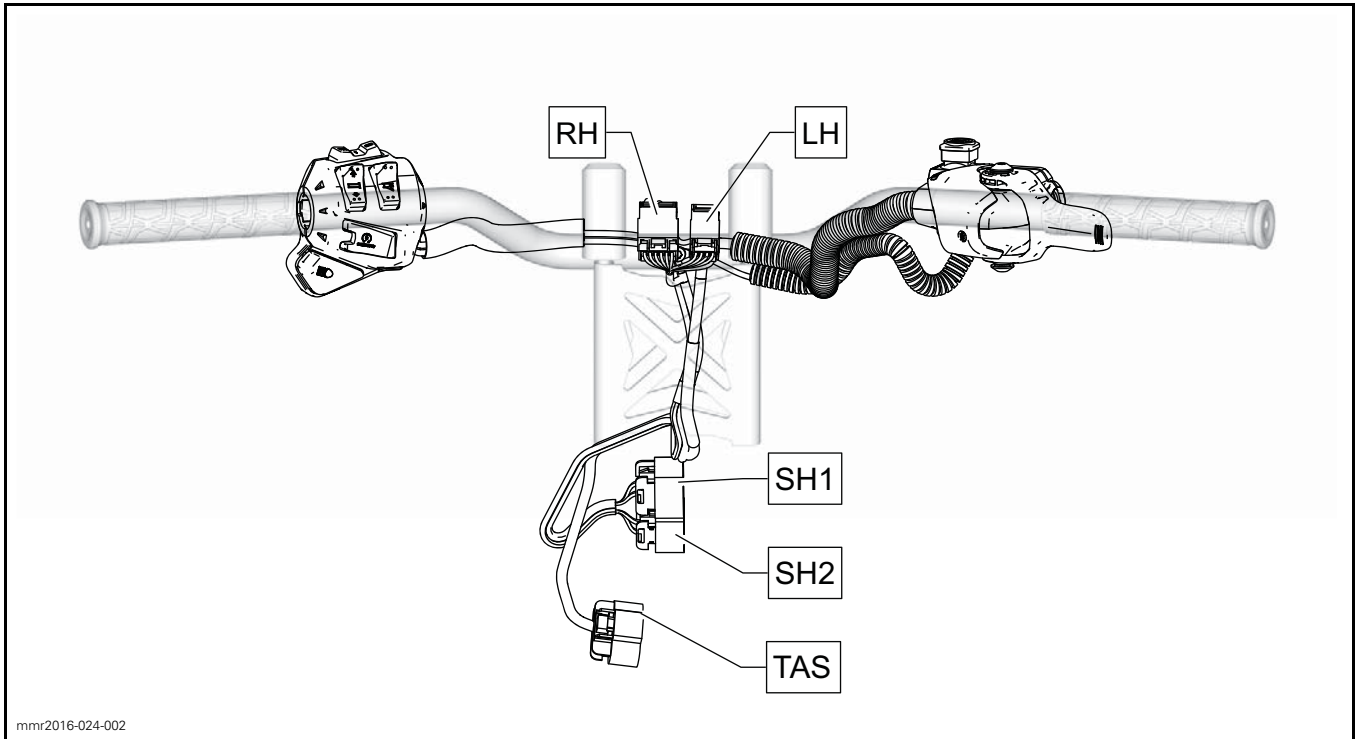
1200 4-TEC Engine



mmr2016-024-004_a

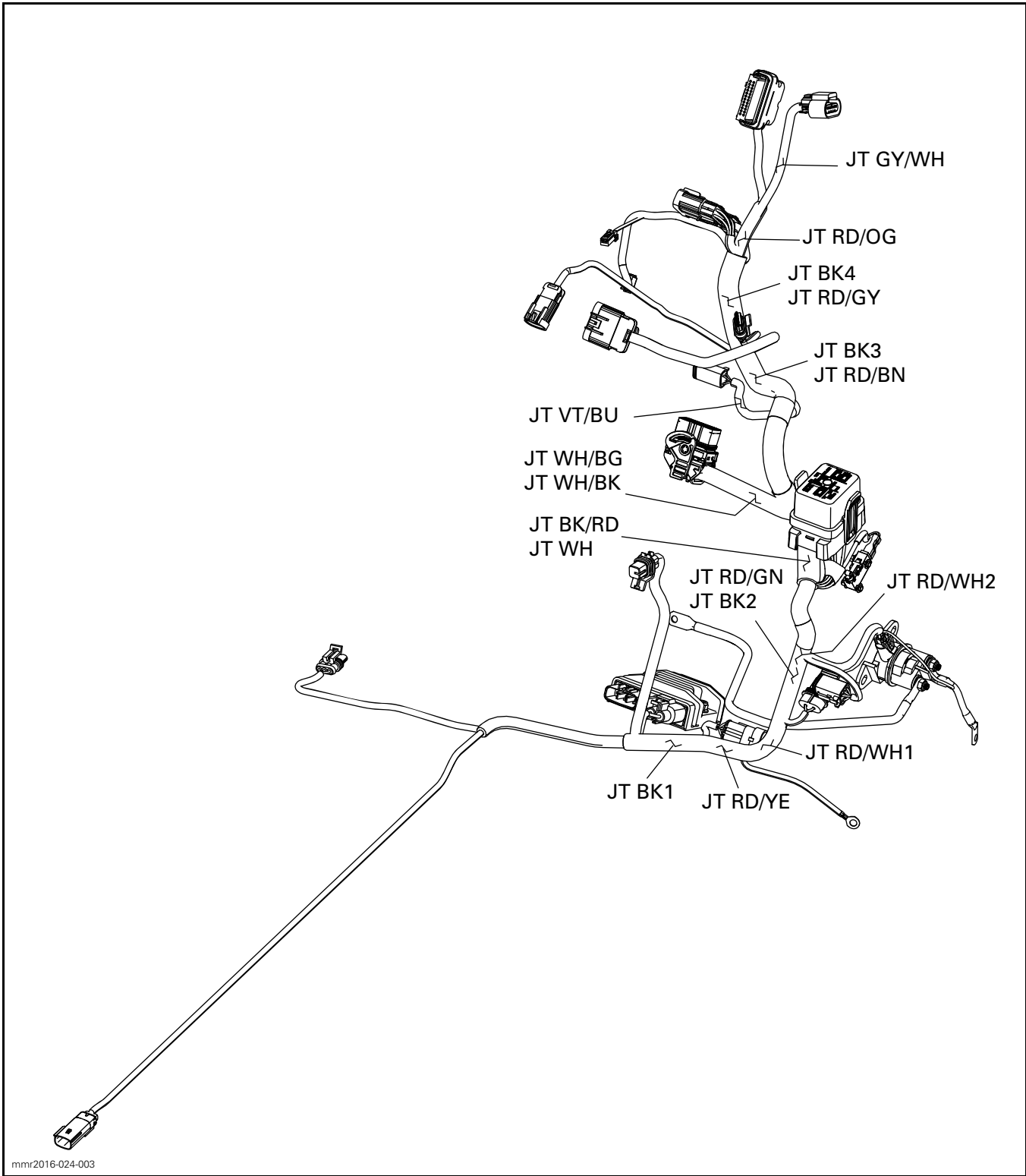
STEERING HARNESSSES (SH)

XS / XM Chassis



SPLICE LOCATIONS

XS Chassis with 1200 4-TEC Engine



PROCEDURES

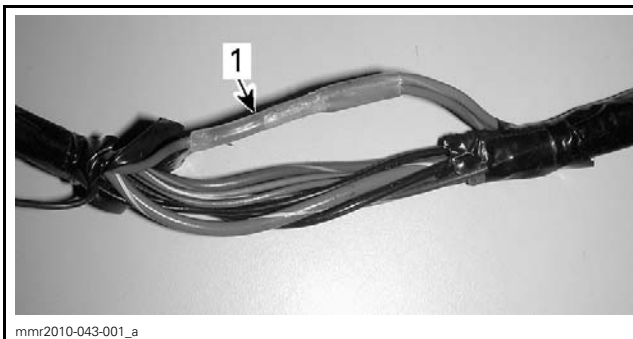
SPLICES REPAIR PROCEDURE

To repair a splice, we recommend the use of a tin solder meeting the followings requirements or an equivalent.

TIN SOLDER REQUIREMENTS
SN 60
PB 40
DIA 0.062
FLUX RA 2%

CASE 1: Wire Detached from Splice

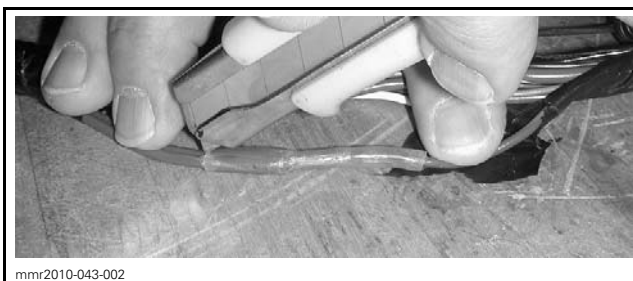
1. Locate splice. Refer to splices location diagrams.
2. Remove wires from protector tube.
3. Locate the shrink tube protecting the defective splice.



mmr2010-043-001_a
1. Shrink tube

4. Remove the shrink tube.

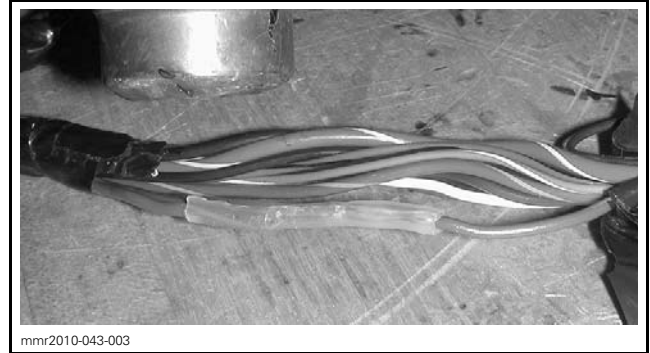
- 4.1 Using a blade, cut the shrink tube.



mmr2010-043-002

NOTICE Be careful with the blade to avoid cutting wires insulation.

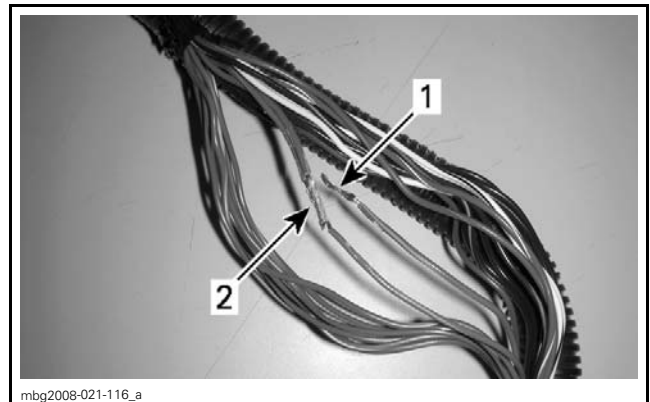
- 4.2 Slightly heat the shrink tube using a heat gun.



mmr2010-043-003

- 4.3 Remove the shrink tube with long nose pliers.

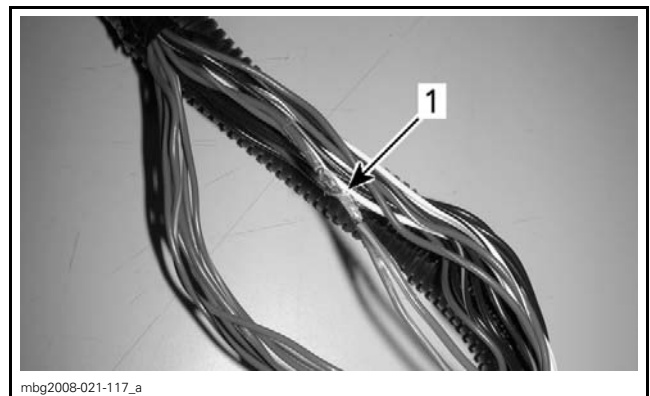
5. Locate detached wire from splice.



mbg2008-021-116_a

1. Detached wire
2. Splice

6. Twist detached wire around splice.



mbg2008-021-117_a

1. Twisted wire

7. Perform a tin solder on twisted wire.

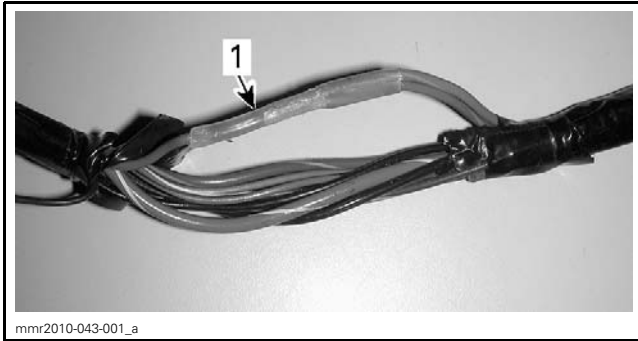
8. Apply electrical tape to cover splice.

NOTE: Make sure tape overlaps on wire insulation, approximately 13 mm (1/2 in) each side.

9. Reinstall wires into protector tube.

CASE 2: Wire Broken from Splice

1. Locate splice. Refer to splices location diagrams.
2. Remove wires from protector tube.
3. Locate the shrink tube protecting the defective splice.



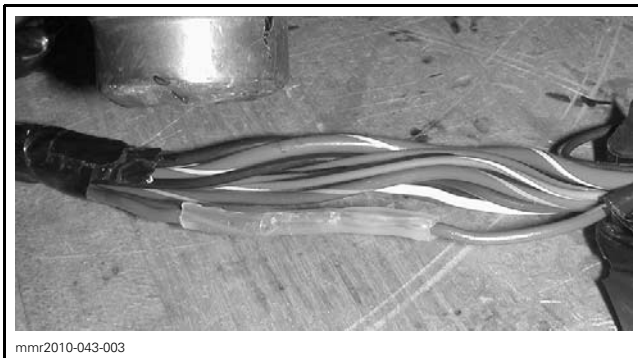
1. Shrink tube

4. Remove the shrink tube.
 - 4.1 Using a blade, cut the shrink tube.

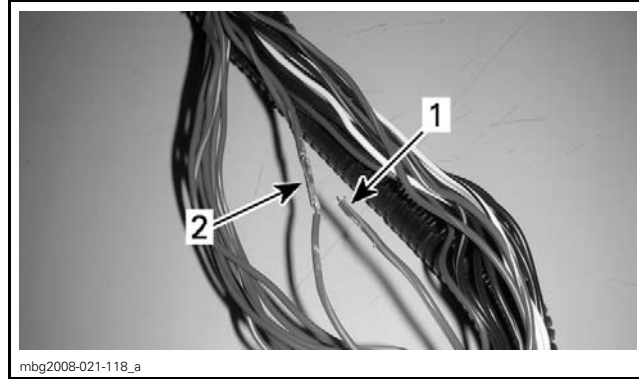


NOTICE Be careful with the blade to avoid cutting wires insulation.

- 4.2 Slightly heat the shrink tube using a heat gun.

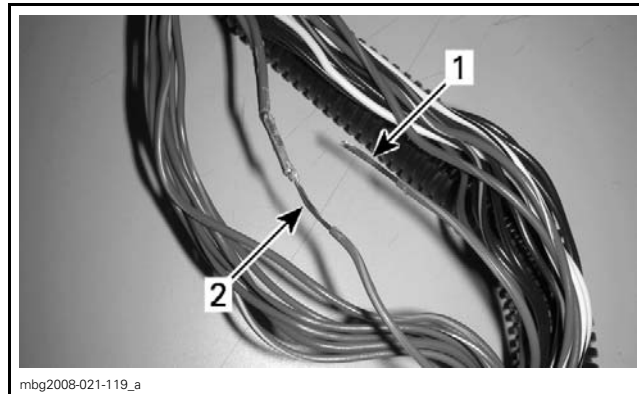


- 4.3 Remove the shrink tube with long nose pliers.
5. Locate broken wire from splice.



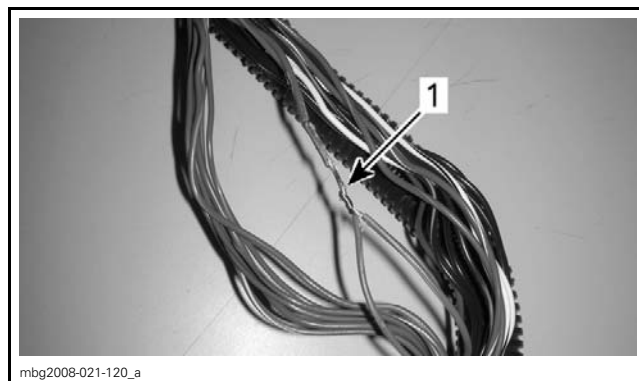
1. Broken wire
2. Splice

6. Strip wire insulation at the end of broken wire.
7. Strip wire insulation below the splice.



1. Broken wire stripped
2. Splice wire stripped

8. Twist wire around stripped wire.



1. Twisted wire

9. Perform a tin solder on twisted wire.
10. Apply electrical tape to cover splice.

NOTE: Make sure tape overlaps on wire insulation, approximately 13 mm (1/2 in) each side.

11. Reinstall wires into protector tube.

NOTE: Always perform a solder on a bigger wire (lower gage).