

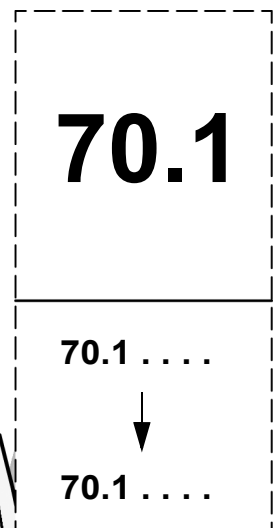
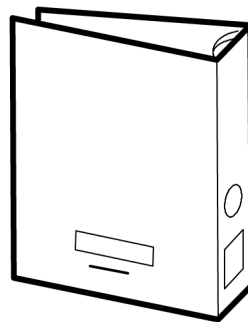
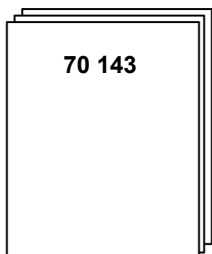
70 143 - GB - 09/2004

Convention governing the use of identification colours on wiring harnesses

RANGE	FAMILY	VARIANT
RENAULT MAGNUM DXi 12 440 - 480	17RD	-
	17SD	
	17TD	



The above information may change in the course of time. Only the "Consult" section of the workshop manuals repertory in standard N° 10320 serves as reference.



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GENERALITIES

Warnings

In this document, safety instructions are symbolized as follows:



DANGER! NON-OBSERVANCE OF THE PROCEDURE DESCRIBED OR LACK OF CARE OR ATTENTION, RISK CAUSING SERIOUS INJURY OR EVEN DEATH.



WARNING! Any different or inappropriate working method risks causing damage to the product.



NOTE! Draws attention to particular or important points of the method.



Comply without fail with the regulations in force relative to the recovery and treatment of used parts and waste.

Object

The present standard defines the identification system for all the electrical circuits fitted to the vehicle.

Scope

This standard is applicable to all RENAULT TRUCKS vehicles of new design.

Definition

The wiring harnesses are marked according to a convention governing the use of coloured identification on chassis wiring harnesses.

Identification

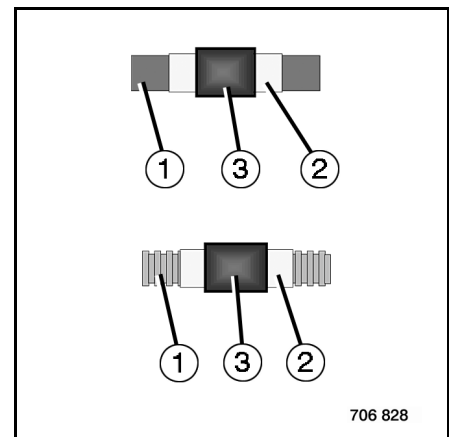
Identification (1): protection of conductors.

There are three different types of conductor protection:

- ringed sheath,
- smooth sheath,
- self-adhesive ribbon.

Identification (2): coloured adhesive identification ribbon.

Identification (3): fastening of wiring harness to holding bracket.



General recommendations



It is formally forbidden to modify all or part of a wiring harness whatever the usage.



Any person wishing to make modifications to a vehicle is obliged to use stand-by connectors or cut wires provided for that purpose.



Any person making repairs to a vehicle is obliged to change any wiring harness that no longer possesses adequate physical soundness.



Do not forget, after refitting a wiring harness, to check that it is fastened in an identical way to the original assembly.



For any work on a wiring harness, the person involved is obliged to use suitable tools to avoid any risk of incorrect assembly or damage to the product.

IDENTIFICATION PRINCIPLE

Convention governing the use of coloured identification on chassis wiring harnesses

Identification of fastening points

Identification (1): protection of conductors.

There are three different types of conductor protection:

- ringed sheath,
- smooth sheath,
- self-adhesive ribbon.

Identification (2): coloured adhesive identification ribbon.

Identification (3): fastening of wiring harness to holding bracket.

Adhesive ribbon (2) is white in colour:

- its job is to identify the fastening point with reference to a mechanical bracket on the chassis or to a wiring harness originating from a sub-assembly.

Adhesive ribbon (2) is yellow in colour:

- its job is to identify the fastening of the wiring harness to a mechanical bracket after its installation on the chassis.

Heat shrunk sleeve:

- its job is to identify the fastening of the wiring harness to a mechanical bracket after its installation on the chassis.

Adhesive ribbon (2) is red in colour:

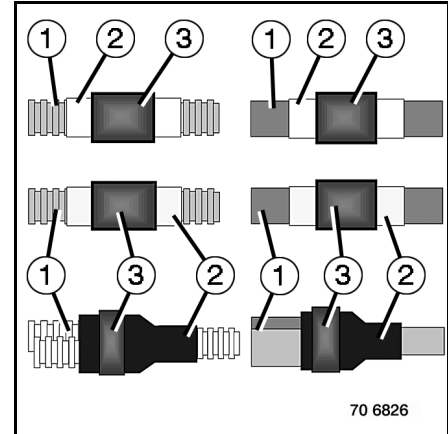
- its job is to identify the routing and the fastening of a wiring harness branch-off towards an opposite side-member on the chassis.

Adhesive ribbon (2) is blue in colour:

- its job is to identify the fastening of a branch-off of the wiring harness on a mechanical bracket, before or after connection to the appliances.

Adhesive ribbon (2) is brown in colour:

- its job is to identify, on a wiring harness, the fastening for the hooping of a set of wiring harnesses outside any fastening on a bracket.



Management of the diversity

Identification (1): protection of conductors.

There are three different types of conductor protection:

- ringed sheath,
- smooth sheath,
- self-adhesive ribbon.

Identification (2): coloured adhesive identification ribbon.

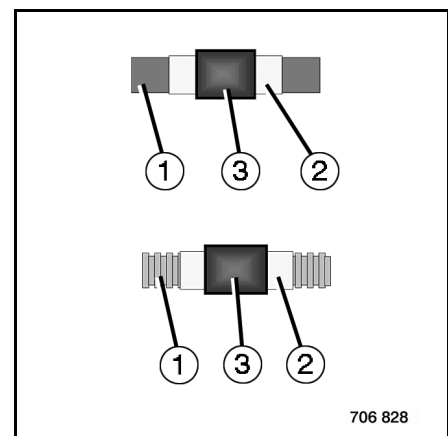
Identification (3): fastening of wiring harness to holding bracket.

Adhesive ribbon (2) is yellow in colour:

- it identifies the fastening of wiring harnesses grouped together in the chassis/cab upswEEP in commercial vehicles of the "long distance" type.

Adhesive ribbon (2) is red in colour:

- it identifies the fastening of wiring harnesses grouped together in the chassis/cab upswEEP in commercial vehicles of the "distribution" type.



Management of extra lengths

Adhesive ribbon (1) is yellow in colour:

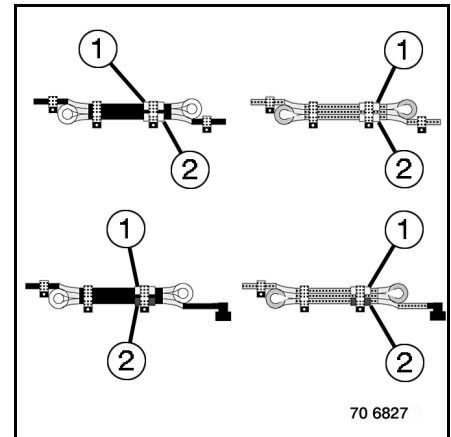
Adhesive ribbon (2) is yellow in colour:

- they identify the fastening for the management of extra lengths over the routing run of the wiring harness.

Adhesive ribbon (1) is yellow in colour:

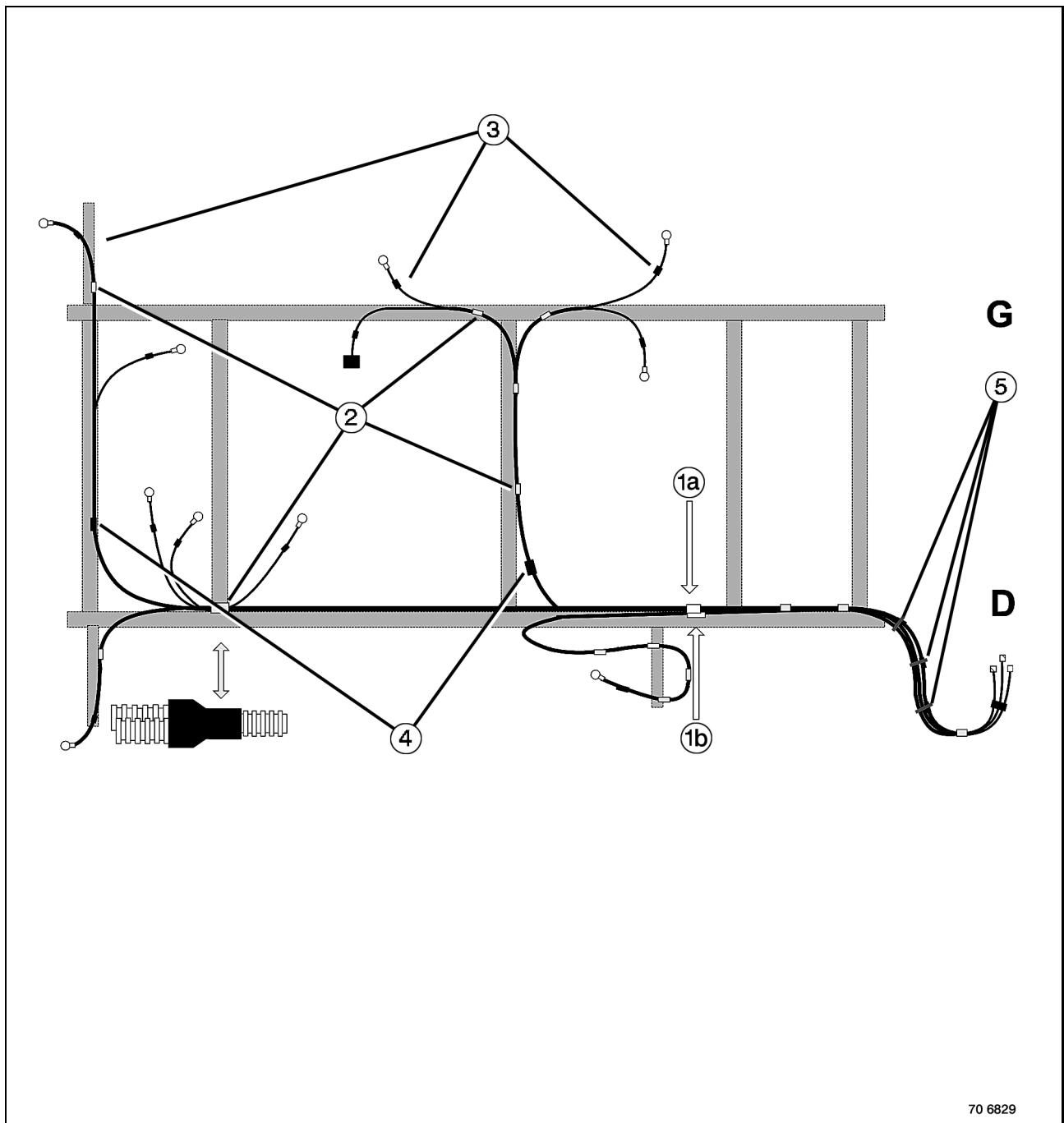
Adhesive ribbon (2) is blue in colour:

- they identify the fastening for the management of an extra length before the connection to an appliance.



ROUTING OF CHASSIS WIRING HARNESSES

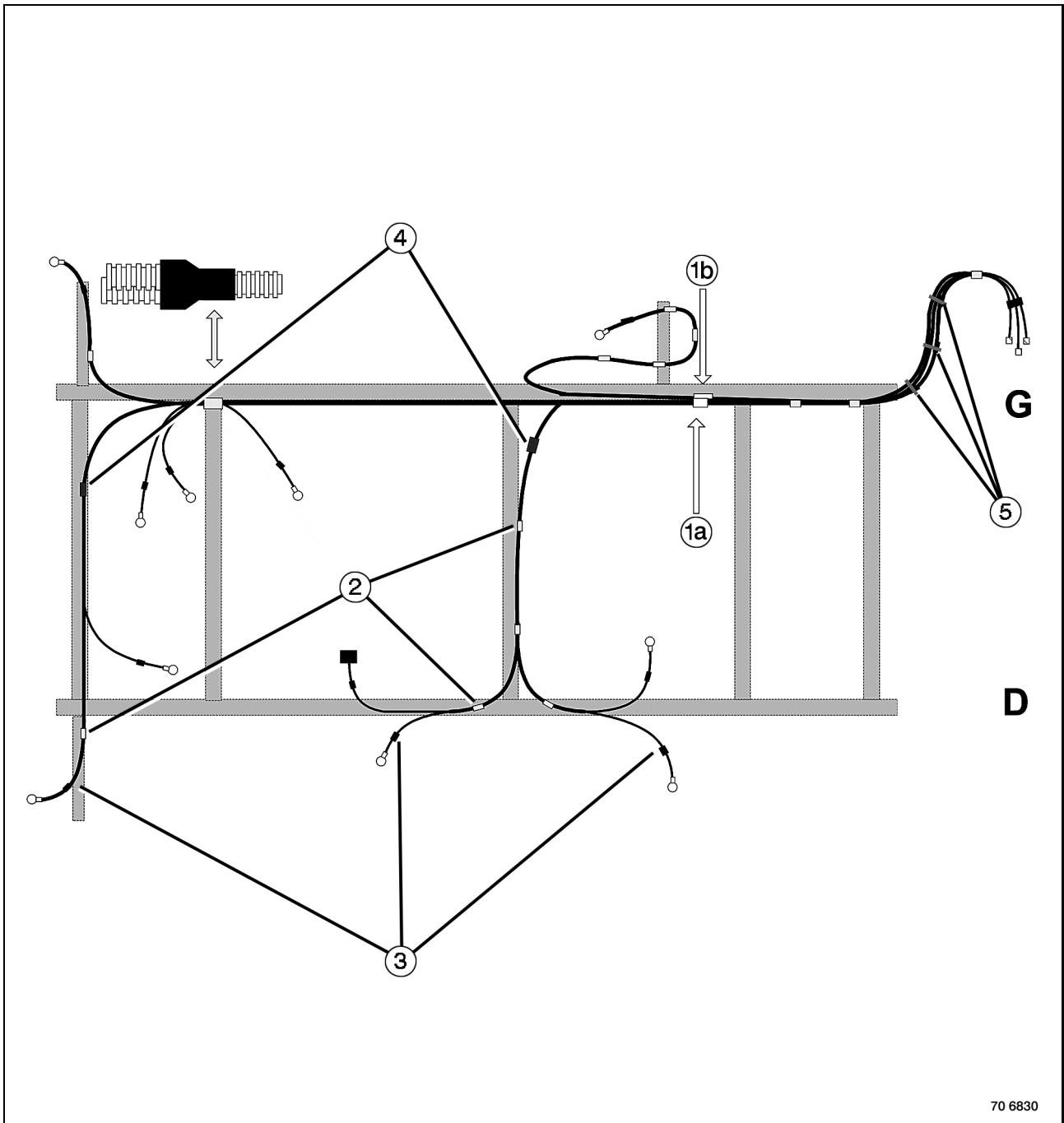
Wiring harness on the chassis of a left-hand drive vehicle



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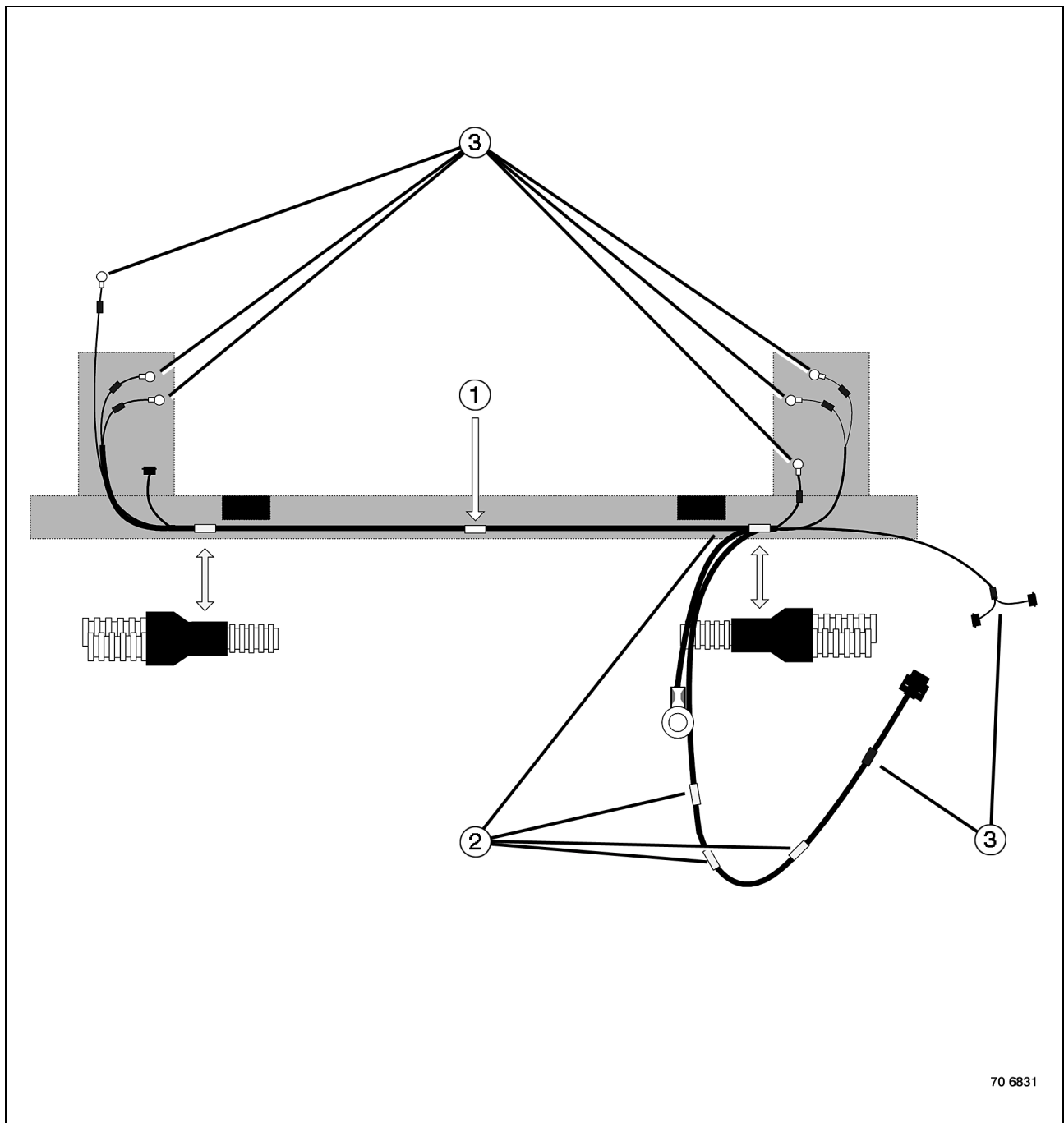
- (1a):** adhesive ribbon identifying the fastening point with reference to the wiring harness 1.
- (1b):** adhesive ribbon identifying the fastening point with reference to the wiring harness 2.
- (2):** adhesive ribbon allowing indexing of the fastening to the bracket.
- (3):** adhesive ribbon identifying the terminators.
- (4):** adhesive ribbon identifying the starting points towards the opposite sidemember.
- (5):** adhesive ribbon identifying the hooping points of wiring harnesses.

Wiring harness on the chassis of a right-hand drive vehicle



- (1a): adhesive ribbon identifying the fastening point with reference to the wiring harness 1.
- (1b): adhesive ribbon identifying the fastening point with reference to the wiring harness 2.
- (2): adhesive ribbon allowing indexing of the fastening to the bracket.
- (3): adhesive ribbon identifying the terminators.
- (4): adhesive ribbon identifying the starting points towards the opposite sidemember.
- (5): adhesive ribbon identifying the hooping points of wiring harnesses.

Wiring harness for sub-assembly preparation



- (1): adhesive ribbon identifying the fastening point with reference to the wiring harness.
- (2): adhesive ribbon allowing indexing of the fastening to the bracket.
- (3): adhesive ribbon identifying the terminators.

DEALER NETWORK AND CUSTOMER FOLLOW-UP

