

POWERISE

Electromechanical drives

Instruction for retrofitting wiring harness to new replacement drive



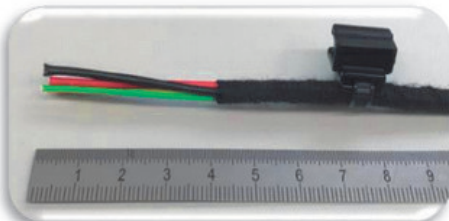
1. Remove the old, defective drive according to the instructions from the vehicle.
Top: old, defective drive;
Bottom: new replacement drive.



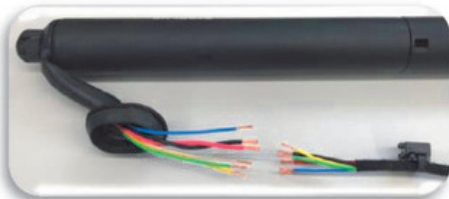
2. Cut the wiring harness of the original drive about 5cm (2 inches) behind the grommet.



3. Cut the wiring harness of the replacement drive about 5cm (2 inches) behind the grommet. The separated remainder of the wiring harness of the replacement drive is no longer needed.



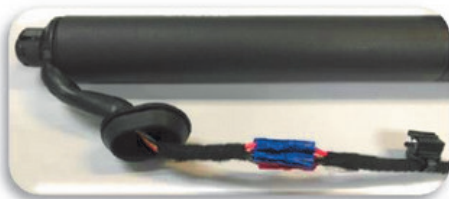
4. Remove about 4 cm (1.6 inches) of the black tape from the separated wiring harness of the original drive.



5. Strip all 12 wire ends (6 on the drive and 6 on the wiring harness) depending on the type of connection used.

Connect the wire ends of the same color using an appropriate connection method.

6. Examples include:
 - Solder connectors (heat shrink connectors)
 - Crimp connectors (butt connectors)
 - Connection through soldering and insulation using heat shrink tubing



7. Apply tape to protect the wire insulation. Check each connection for proper implementation.
8. Implement the connection.
9. Install the replacement drive in the vehicle in place of the old original drive.

Make : **Mercedes-Benz**
Model : **GLA-Klasse**
Type : **X156**
Generation : **12/2013 -**

OE Number :
A 156 890 02 30

Stabilus Number :
406785
958171

Installation Instructions:
rear left

Stabilus Replacement number :
431900