

FITTING INSTRUCTIONS

making everyday smoother



FORD E-TRANSIT CHASSIS CAB / VAN

VB-FullAir 2C
rear axle

FOR KIT: 1050621200, 1050621210



REVISION TABLE

Document number:	730105062101-01	Old document number:	730105062101-00
New revision:	V02	Old revision:	V01
Release date (yyyy-mm-dd):	2025-01-31		
Page (new):	Changes:		
4	Updated: items 20, 21 and 28		
6	Updated: step 3		
7	Updated: step 4, image 6		
10, 11	Updated: step 10		
11	Updated: step 12		

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EN

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NL

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DE

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FR

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TABLE OF CONTENTS

1. Variations / variaties / variationen / Variations	4
2. Fasteners / bevestigingsmateriaal / befestigungsmaterial / matériaux de fixation	4
3. Mounting / montage / montage / montage	5
4. Calibration / kalibratie / kalibrierung / calibrage	19
5. Checklist / Checklist / Checkliste / Check-list	20
6. Electrical diagram / Elektrisch schema / Schaltbild / Schéma électrique	22



Important: The (national) laws and regulations regarding work on electrically powered vehicles must be respected.



Belangrijk: De (nationale) wet- en regelgeving omtrent werken aan elektrisch aangedreven voertuigen dient gerespecteerd te worden.



Wichtig: Die (nationalen) Gesetze und Vorschriften für Arbeiten an elektrisch betriebenen Fahrzeugen sind zu beachten.



Important: Les lois et réglementations (nationales) concernant les travaux sur les véhicules électriques doivent être respectées



Attention: Always read the installation guidelines before you start with the FITTING INSTRUCTIONS and the fitting of the set. Follow the guidelines prescribed by VB-Airsuspension.



1. VARIATIONS / VARIATIES / VARIATIONEN / VARIATIONS

A

Kit: 1050621210

A1

B

Kit: 1050621200

2. FASTENERS / BEVESTIGINGSMATERIAAL / BEFESTIGUNGSMATERIAL / MATÉRIAUX DE FIXATION

A

B

1050621210 / 1050621200				
Nr.	Article number	Qty	Description	Nm
1	1052095178	2	M6	5 Nm
2	0010105010AA	4	M5x10 8.8	4.8 Nm
3	0010506020CA	2	M8x20 10.9	30 Nm
4	0010710025CA	4	M10x20 8.8 Tensilock	40 Nm
5	0011006000AA	2	M6 8.8	5 Nm
6	0011108000AB	1	M8 8.8 Tensilock	20 Nm
7	0011205000AA	4	M5 300HV	-
8	0011206000AA	2	M6 300HV	-
9	0011106001AB	1	M6	8 Nm
10	0010710025SP	4	(OEM) M10x25 10.9	
11	0011112005SP	4	(OEM) M12x1.25 10.9	
12	1452251004A	1	Air coupling M22xM10x1	30
13	1452251003	1	air coupling Ø6 x M10x1 90°	5

A

1050621210				
Nr.	Article number	Qty	Description	Nm
20	0011110000CH	2	M10 10.9	60
21	0010110080CA	2	M10x80 10.9	60
22	0010710025CA	2	M10x25	60
23	0011110000CA	2	M10 10.9	60
24	0010712090DH	2	(OEM) M12x90x1.5 10.9	
25	0011212000AA	2	M12 300HV	-
26	0011112000DA	2	M12x1.5	
27	0011112006SP	2	(OEM) M12x1.75	
28	0011210000AA	2	M10	-

B

1050621200				
Nr.	Article number	Qty	Description	Nm
30	0011112006SP	4	(OEM) M12x1.75 10.9	

Calibration support

Axle:

Order number:

Rear axle

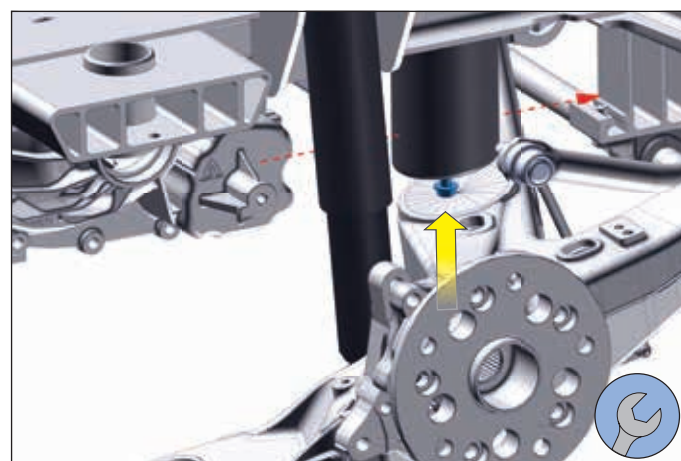
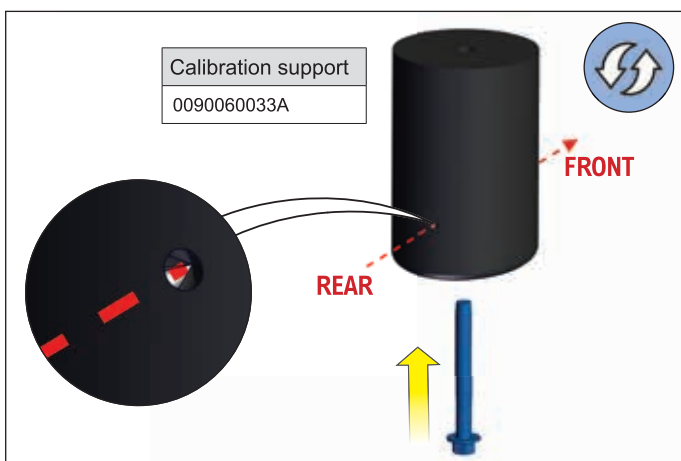
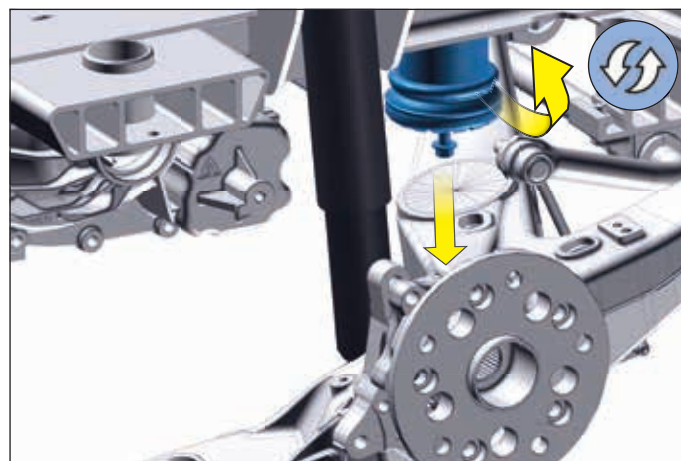
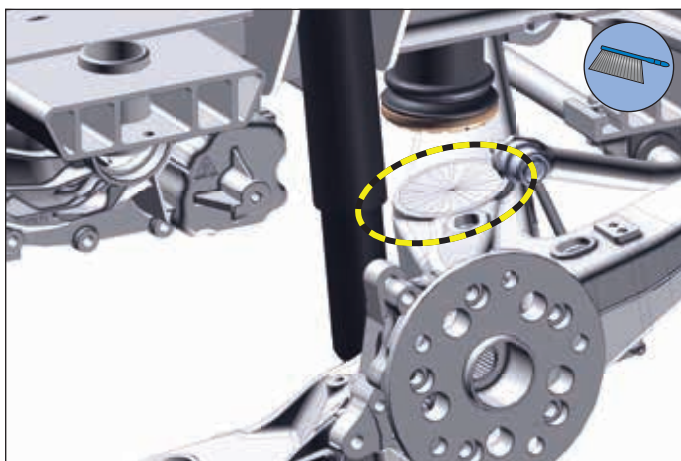
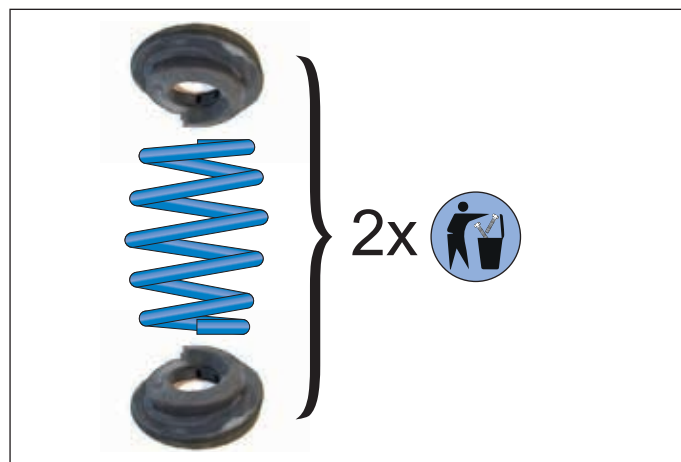
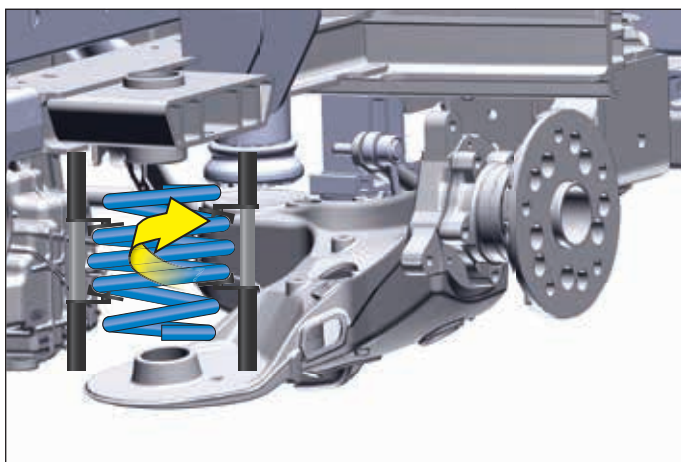
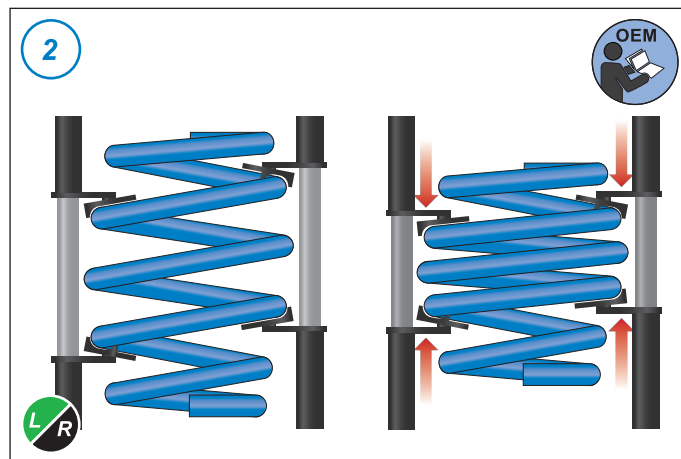
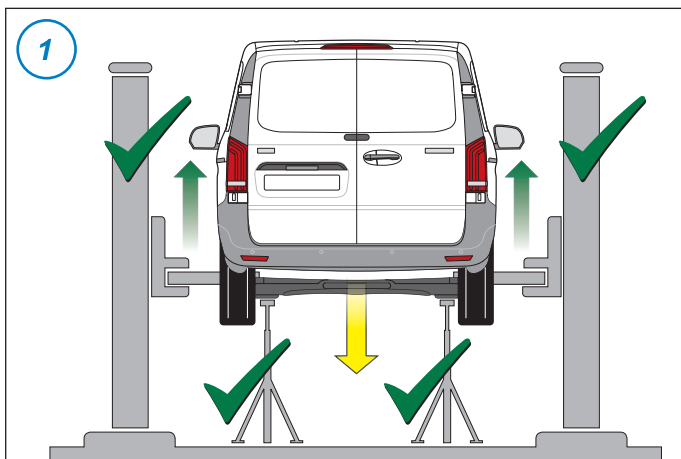
0090060033A

Do not tighten the bolts yet. Tighten as soon as the vehicle is at driving height as indicated in this manual.

When the original nuts and bolts are (re)used, follow the guidelines of the vehicle manufacturer for the correct tightening torque.

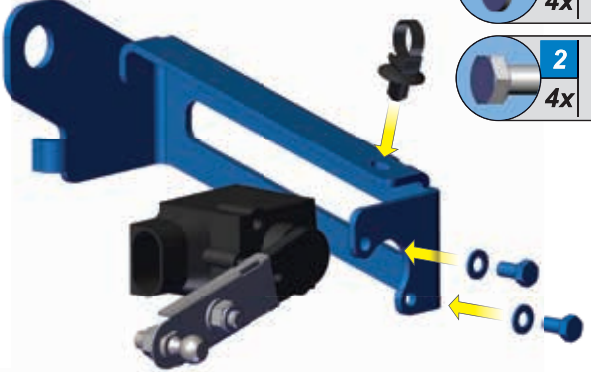
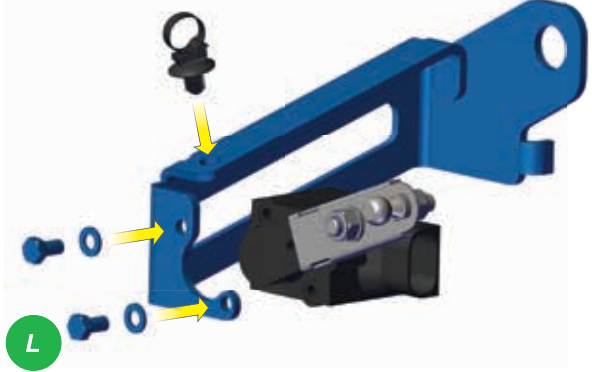
3. MOUNTING / MONTAGE / MONTAGE / MONTAGE

A **B**

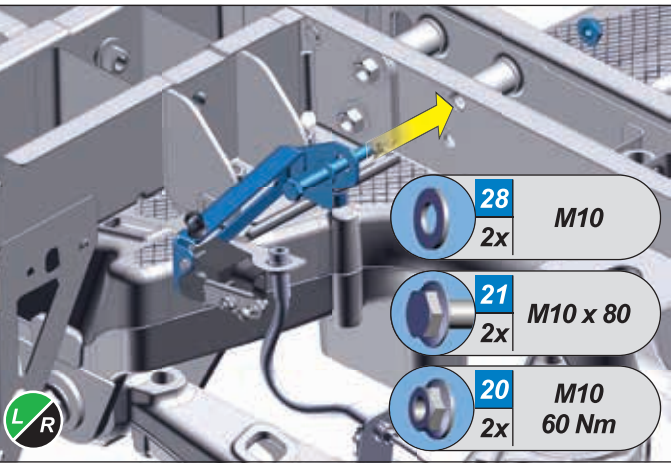


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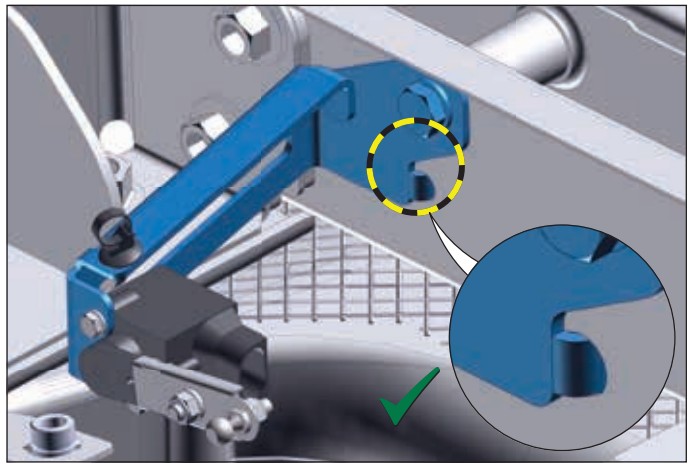
3



- 7** **M5**
4x -
- 2** **M5 x 10**
4x **5 Nm**

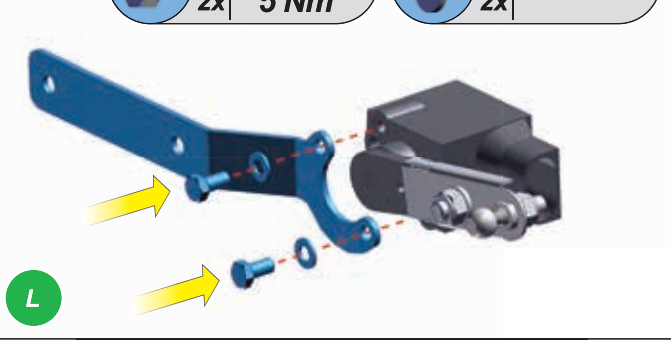


- 28** **M10**
2x
- 21** **M10 x 80**
2x
- 20** **M10**
2x **60 Nm**

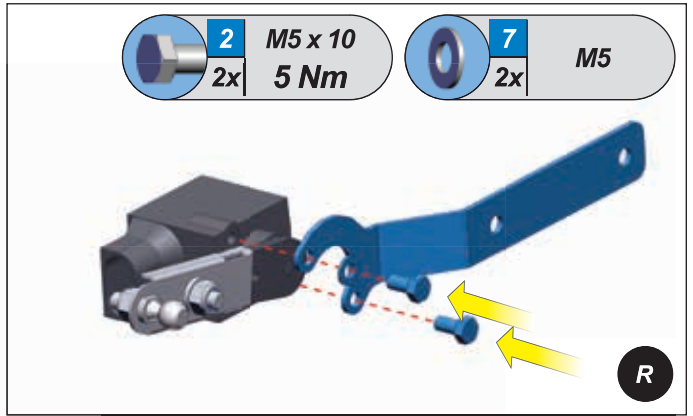


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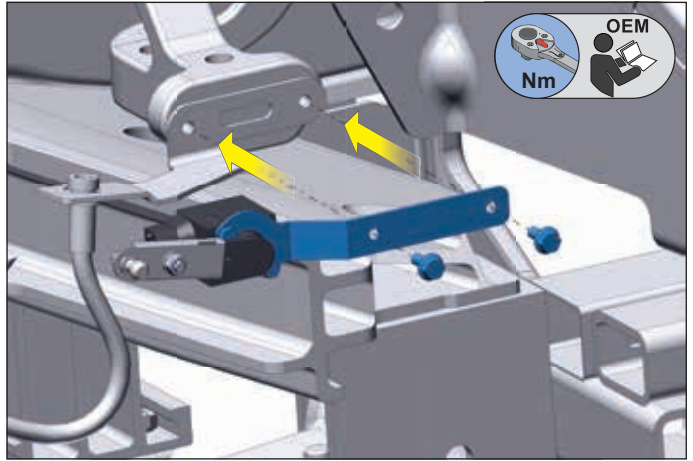
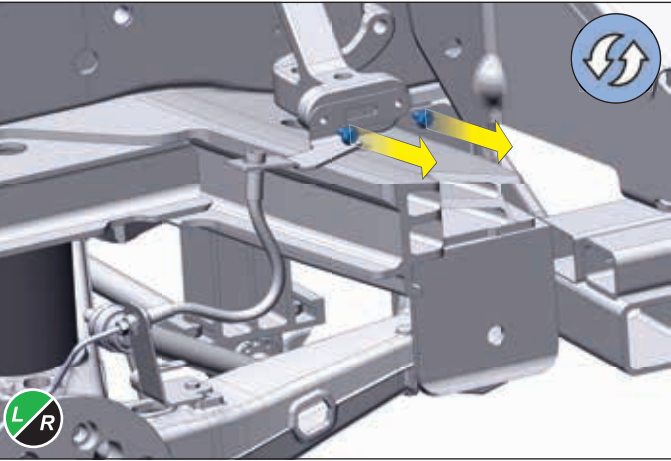
3



- 2** **M5 x 10**
2x **5 Nm**
- 7** **M5**
2x

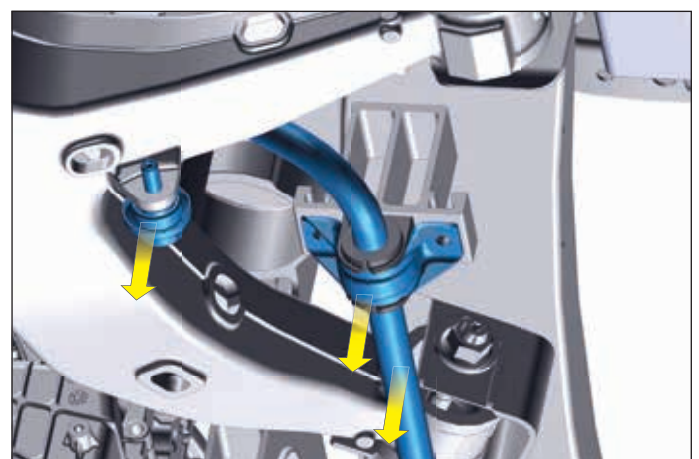
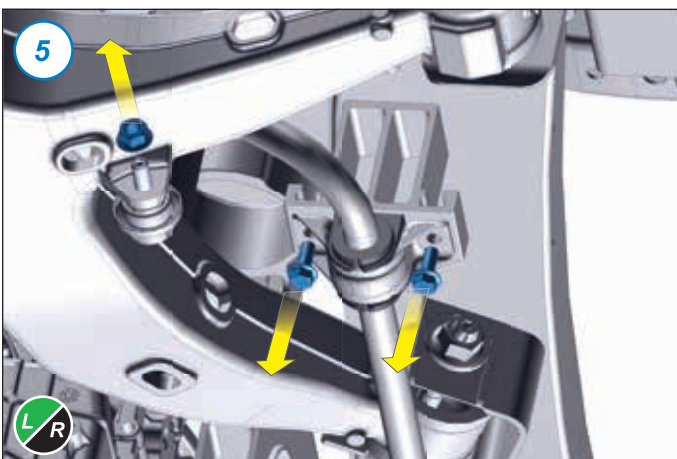
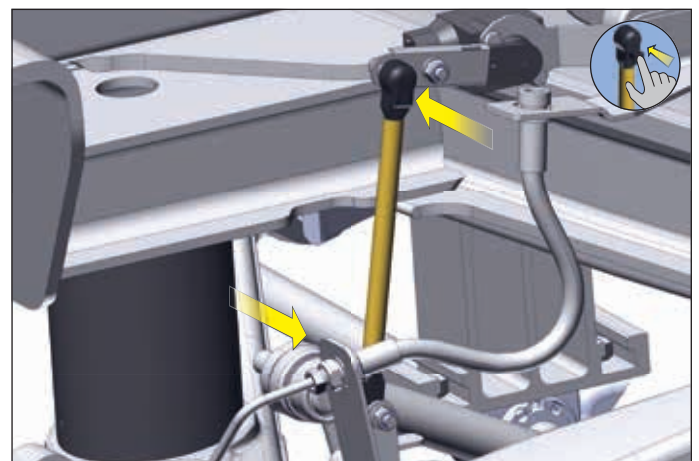
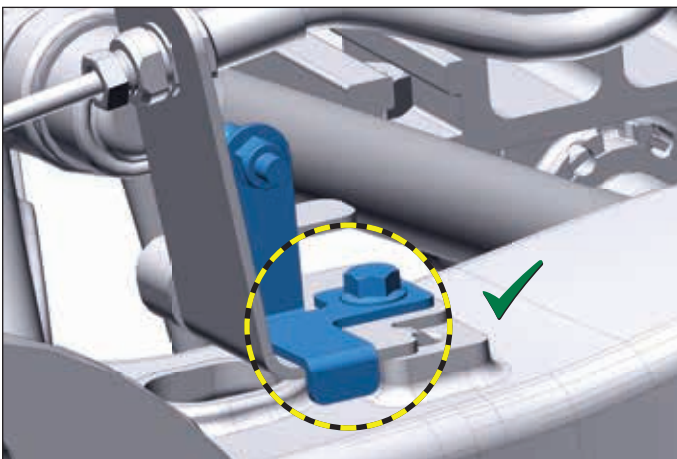
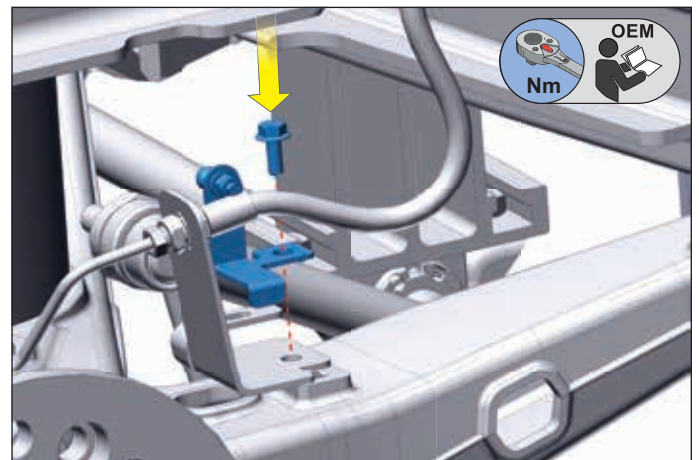
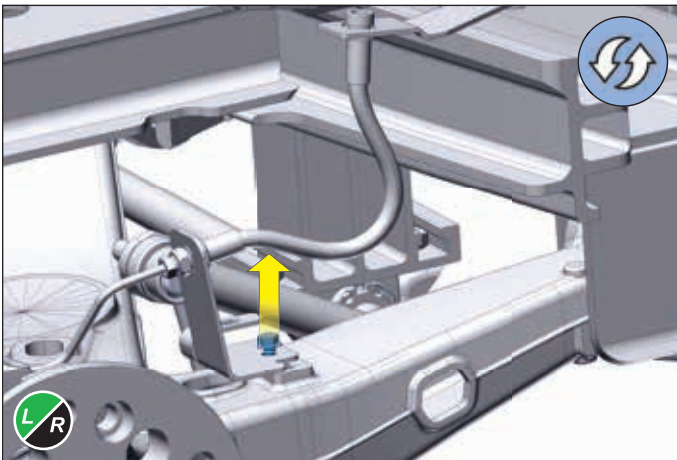
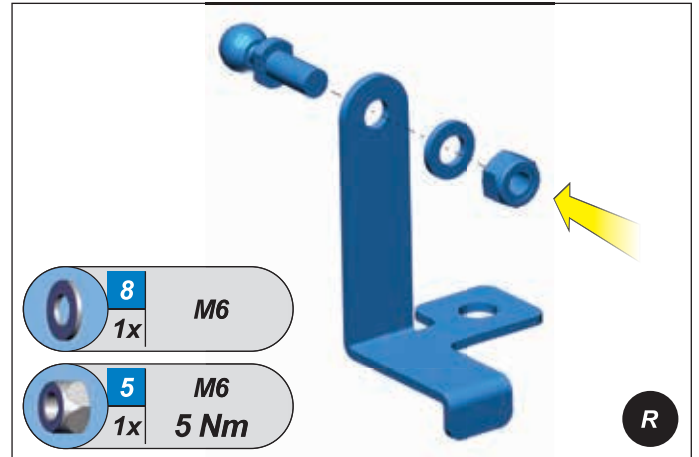
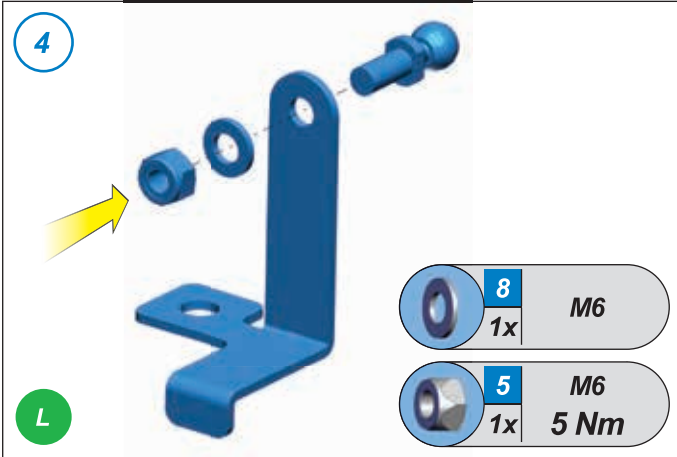


- 2** **M5 x 10**
2x **5 Nm**
- 7** **M5**
2x

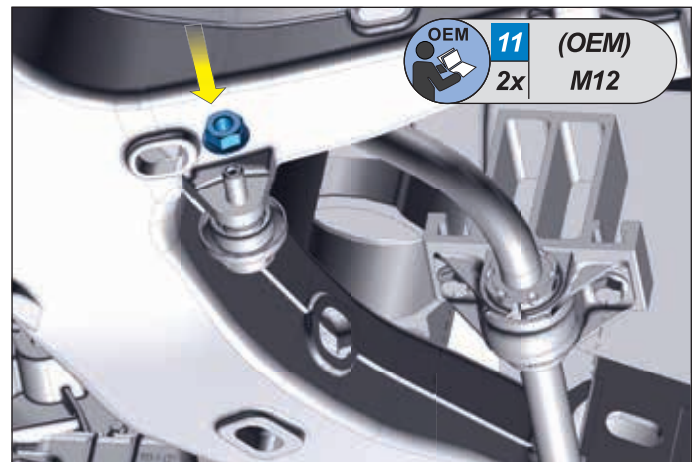
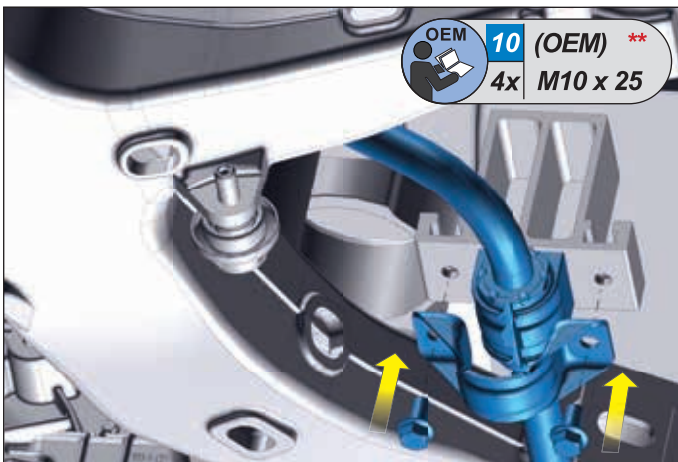
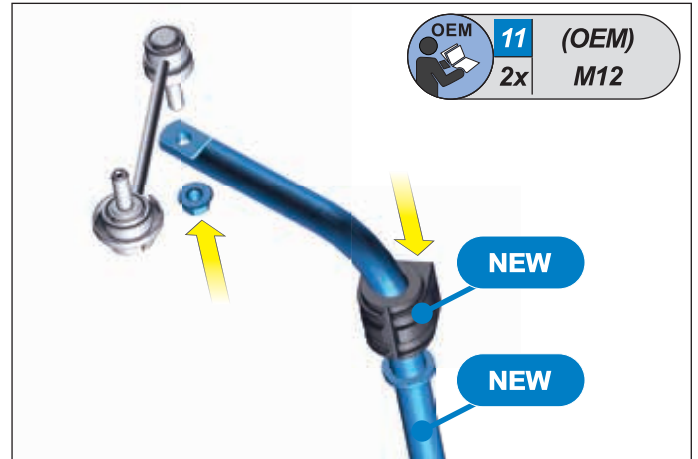
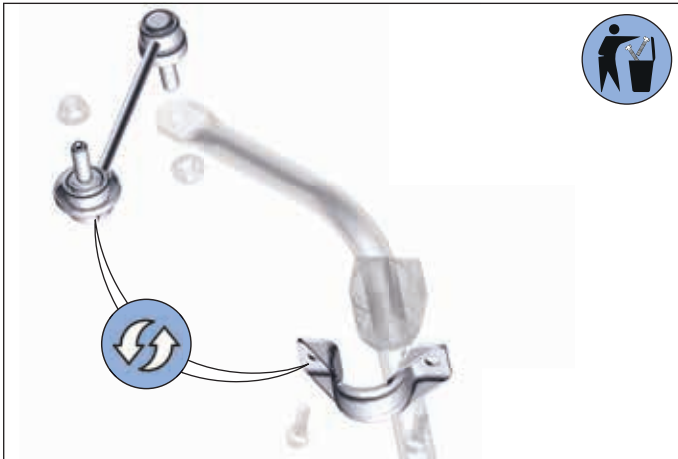


- Nm** **OEM**

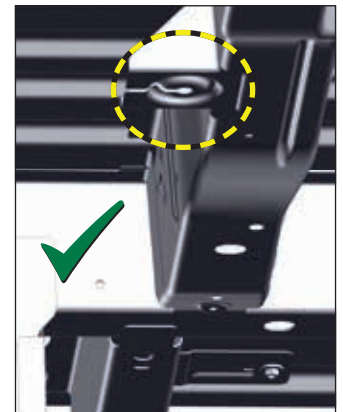
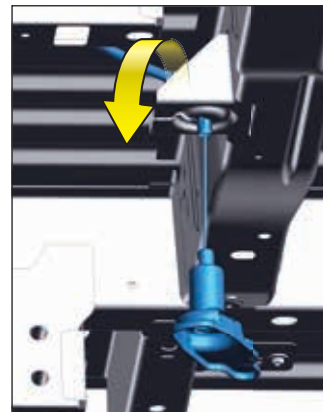
A **B**



A **B**



A1

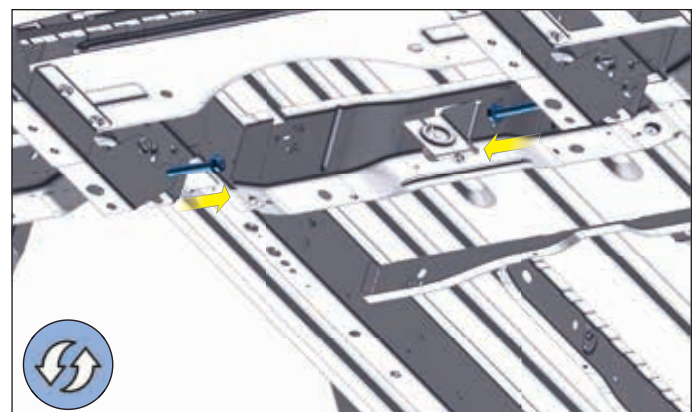
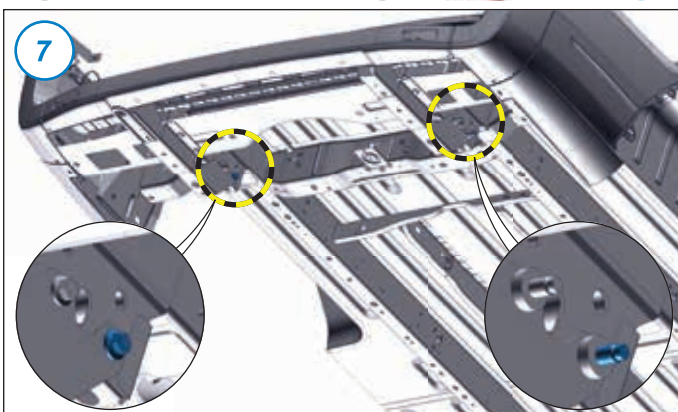


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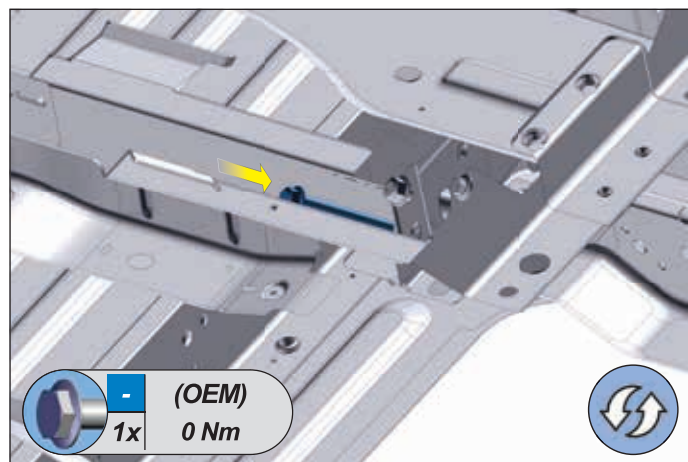
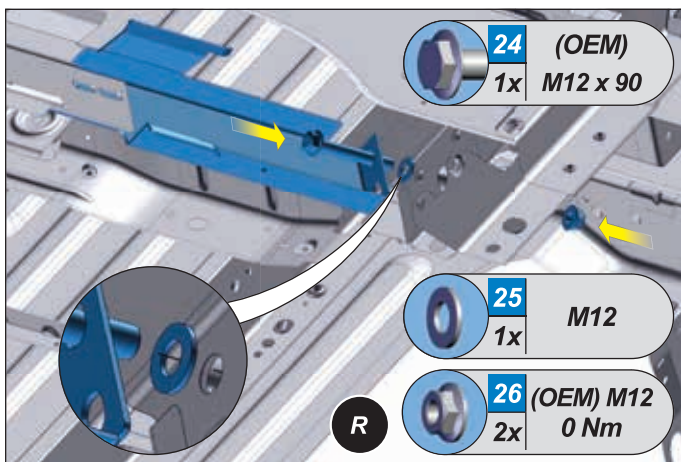
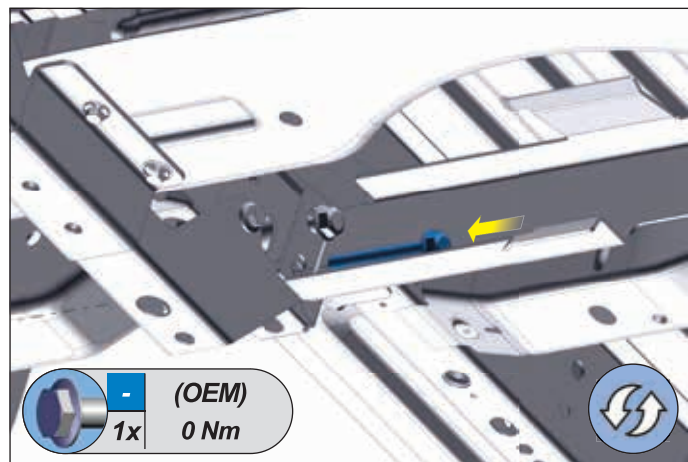
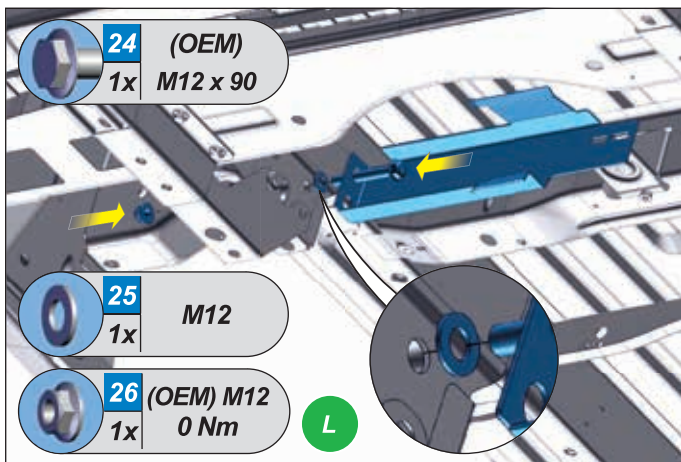
A



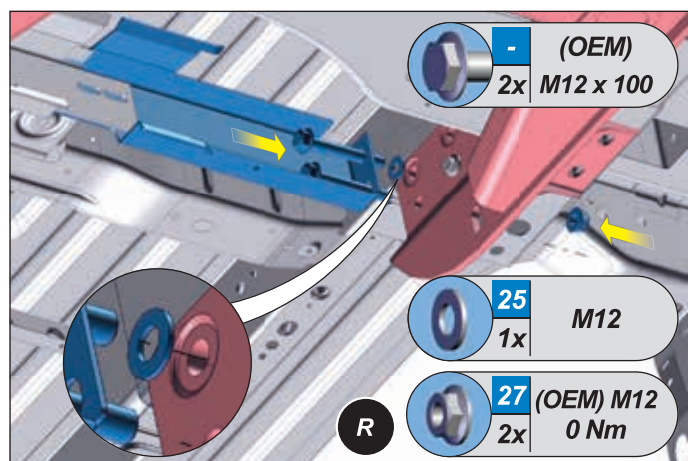
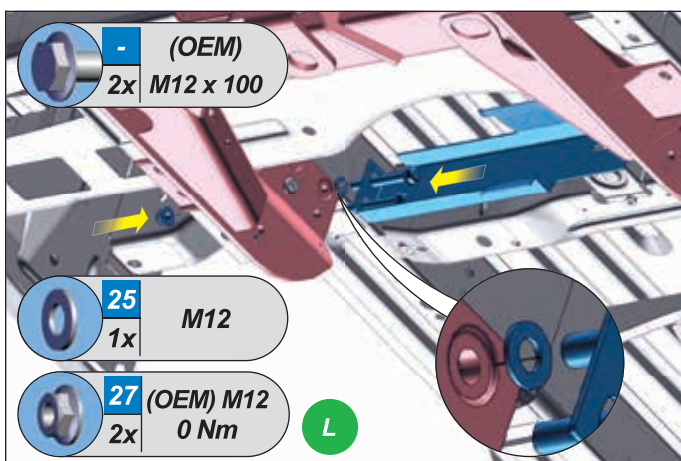
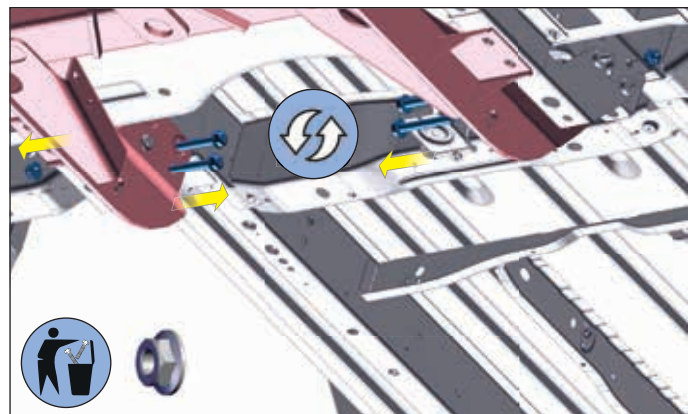
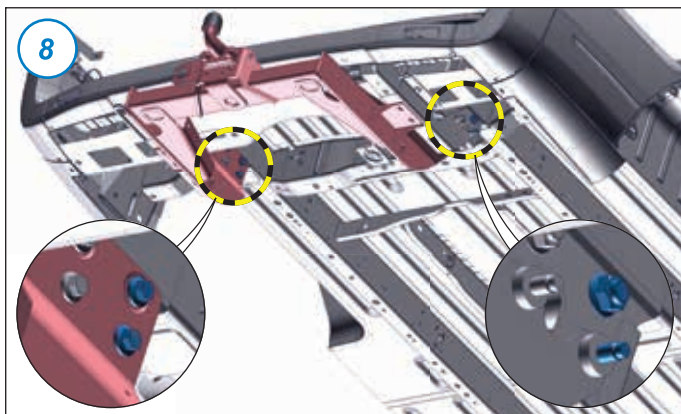
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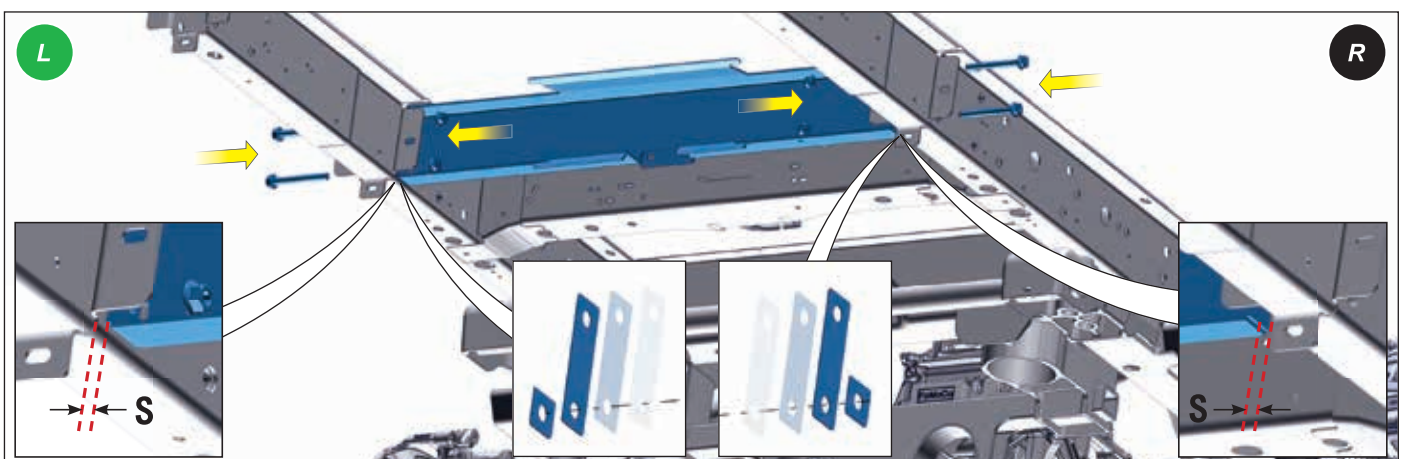
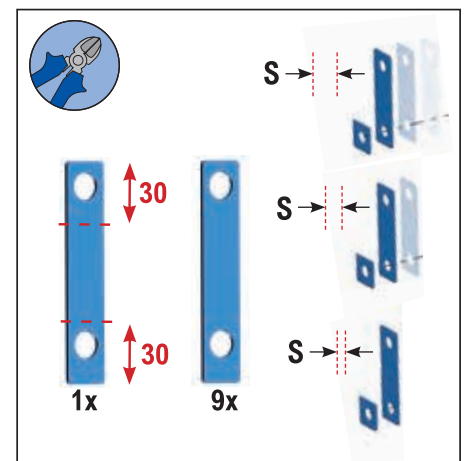
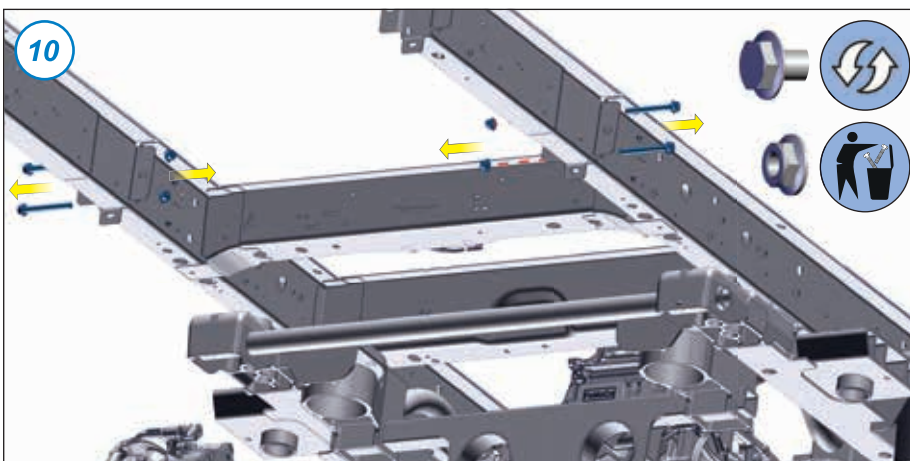
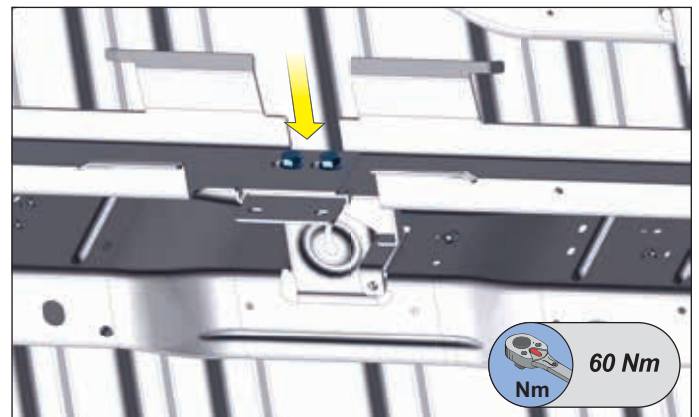
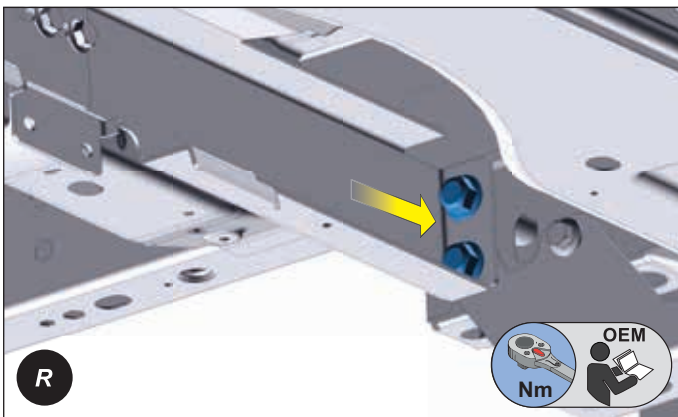
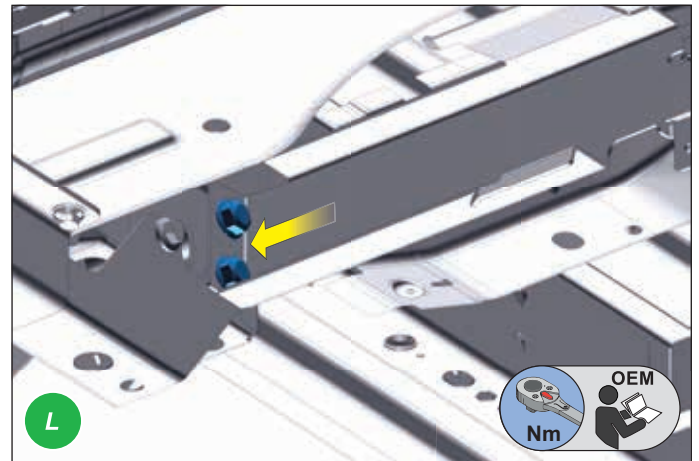
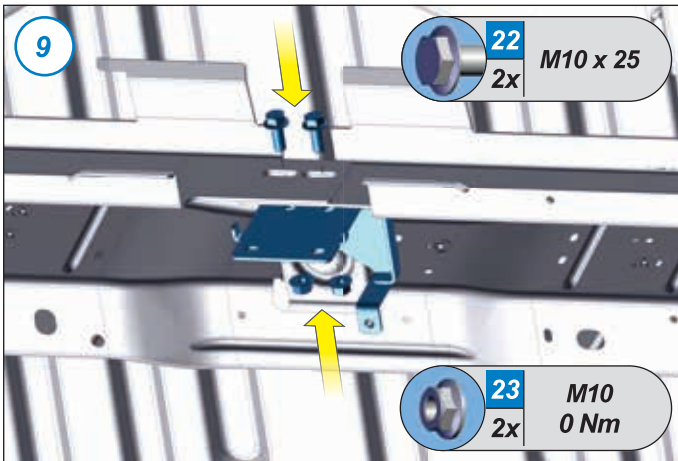


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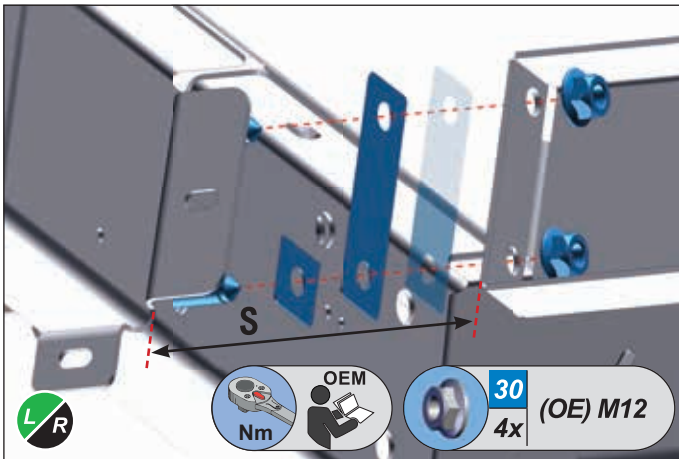


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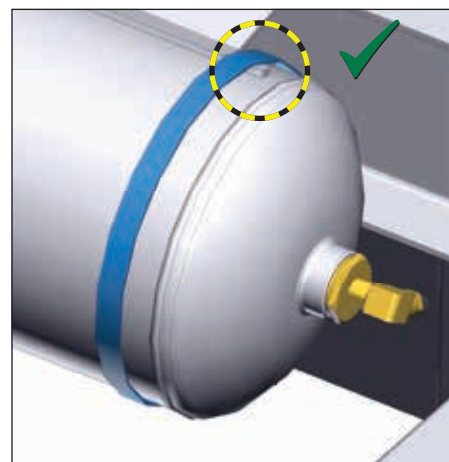
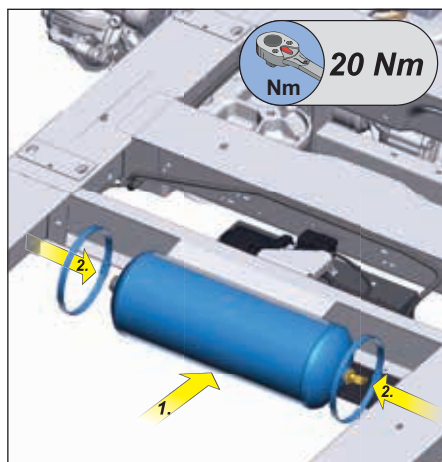
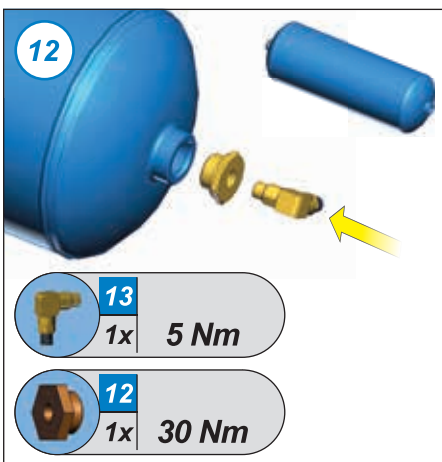
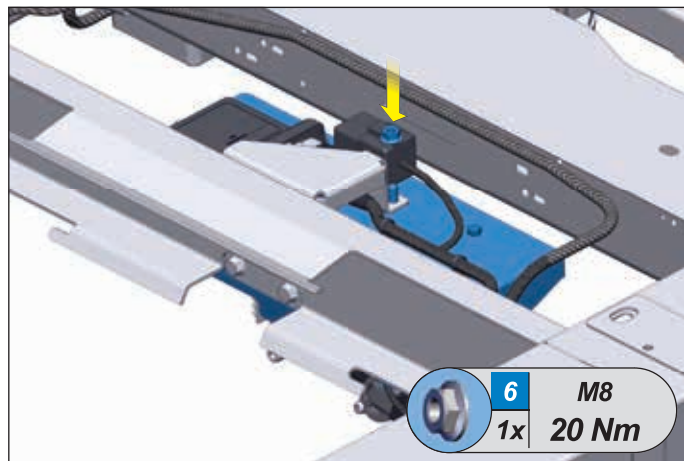
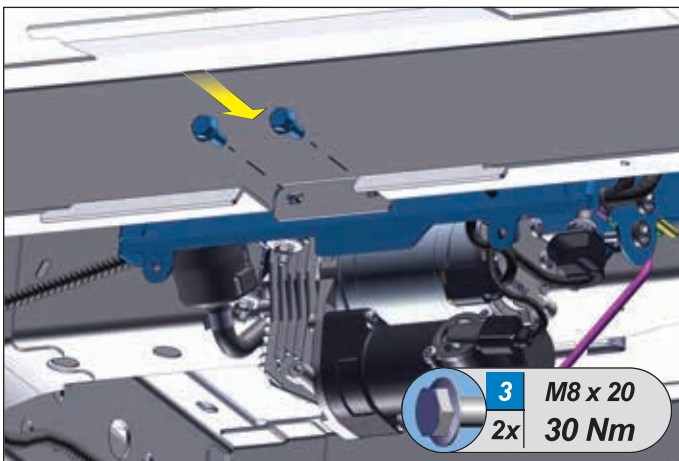
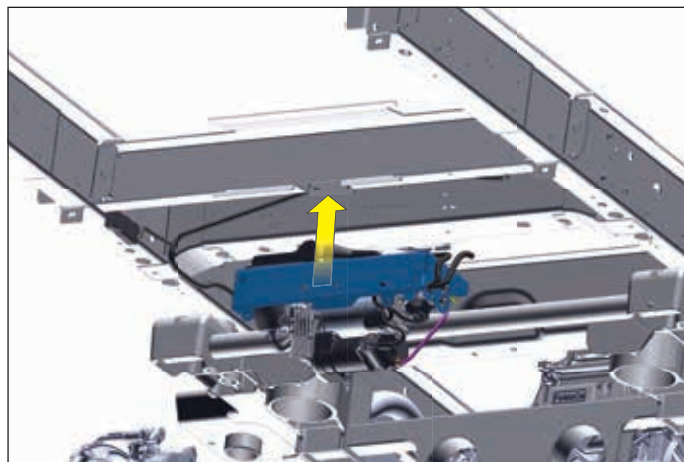
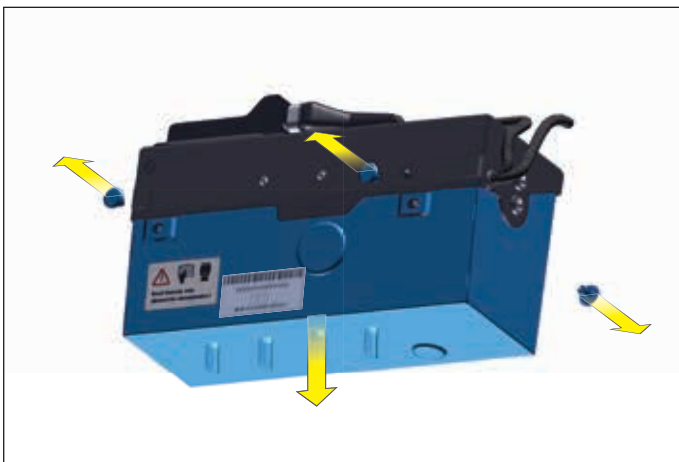




B



A B



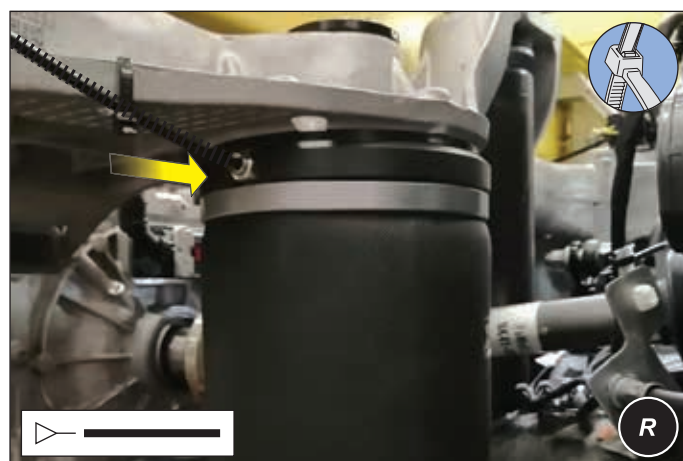
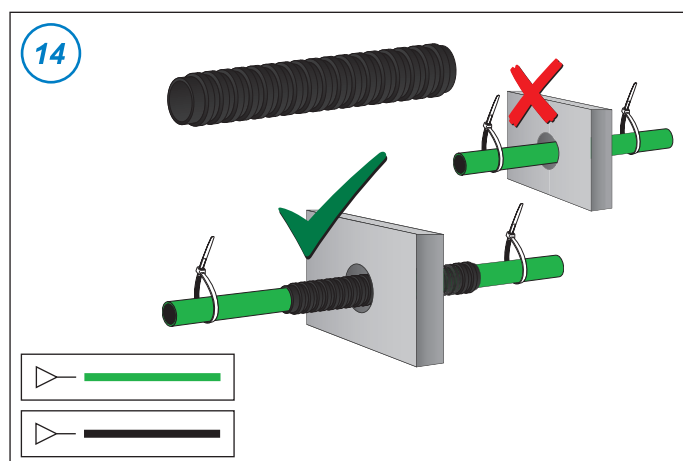
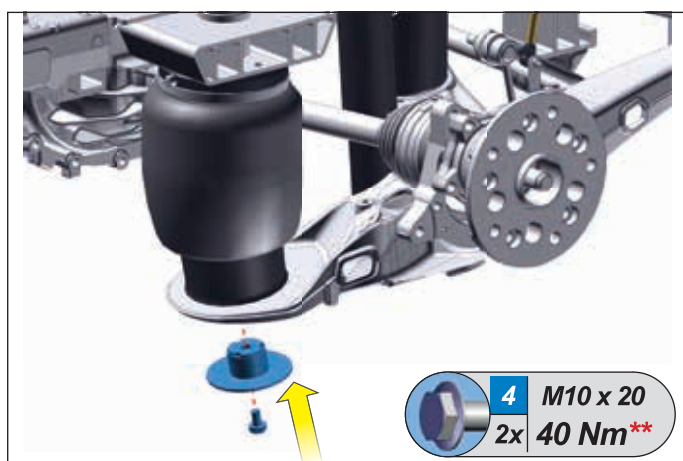
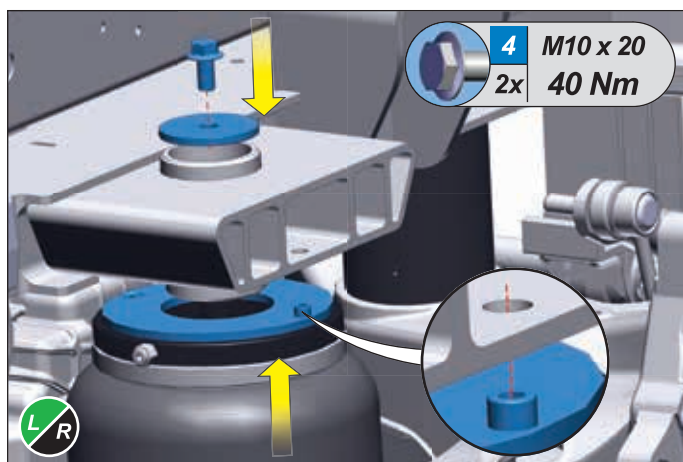
A **B**

13

L



R



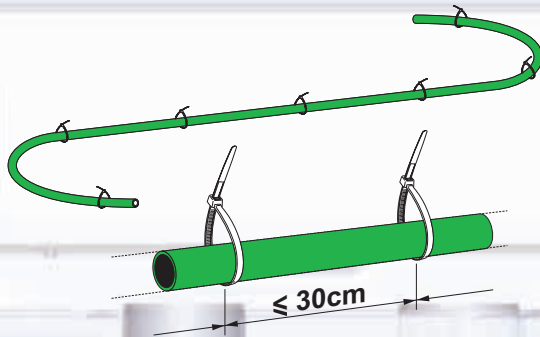
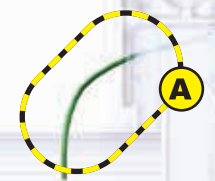
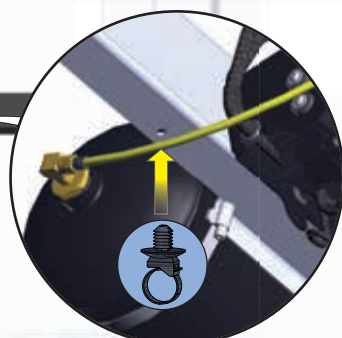
A **B**

15

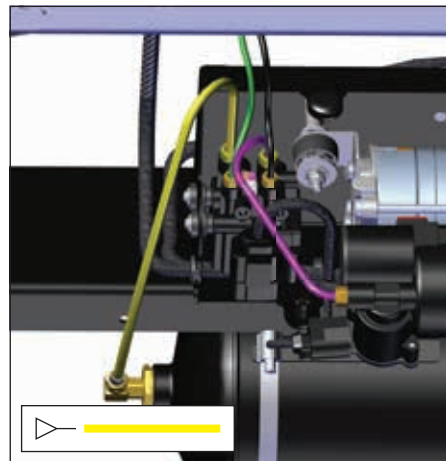
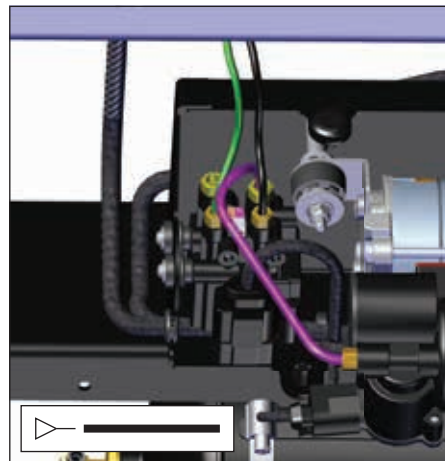
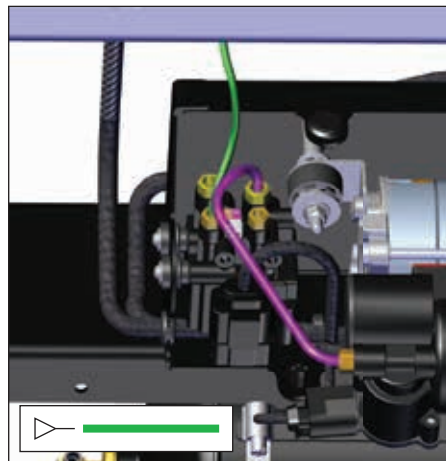
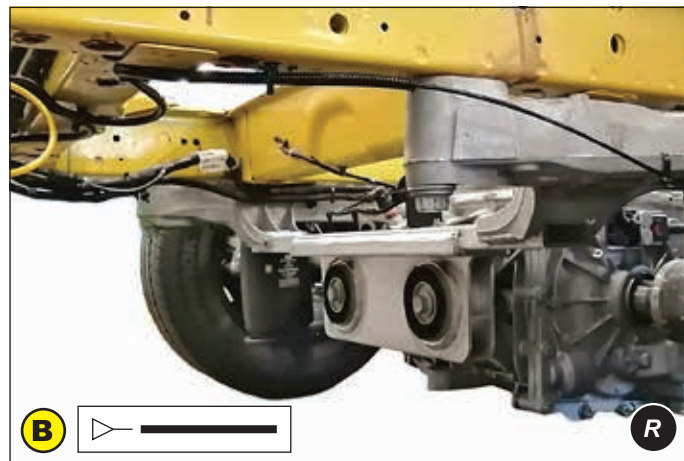


L

R



B

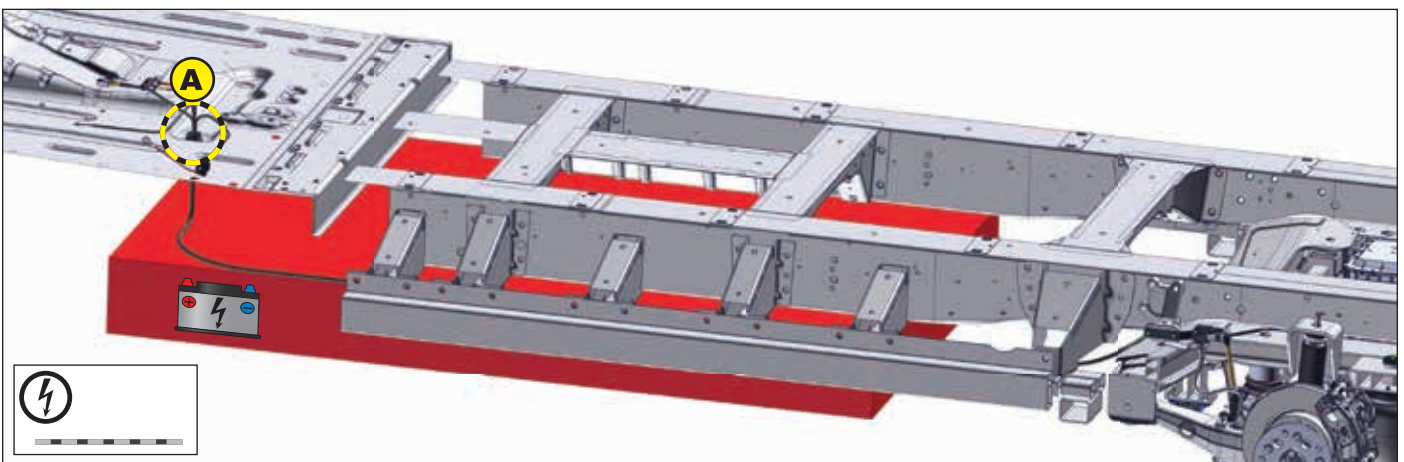
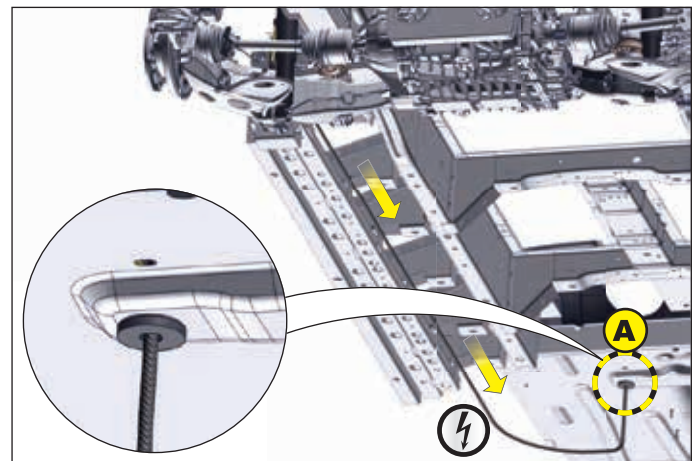
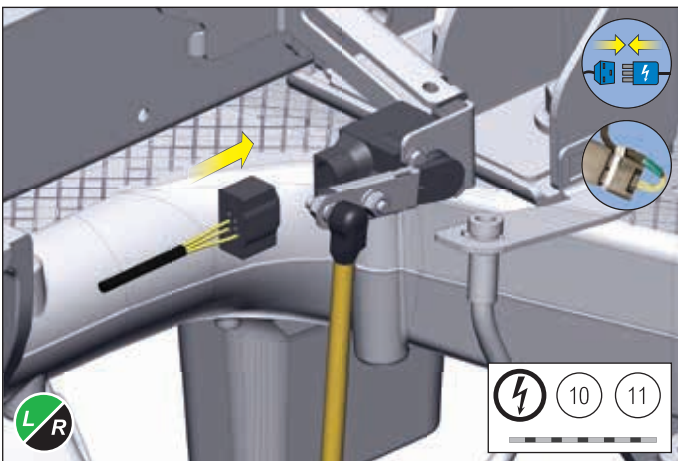
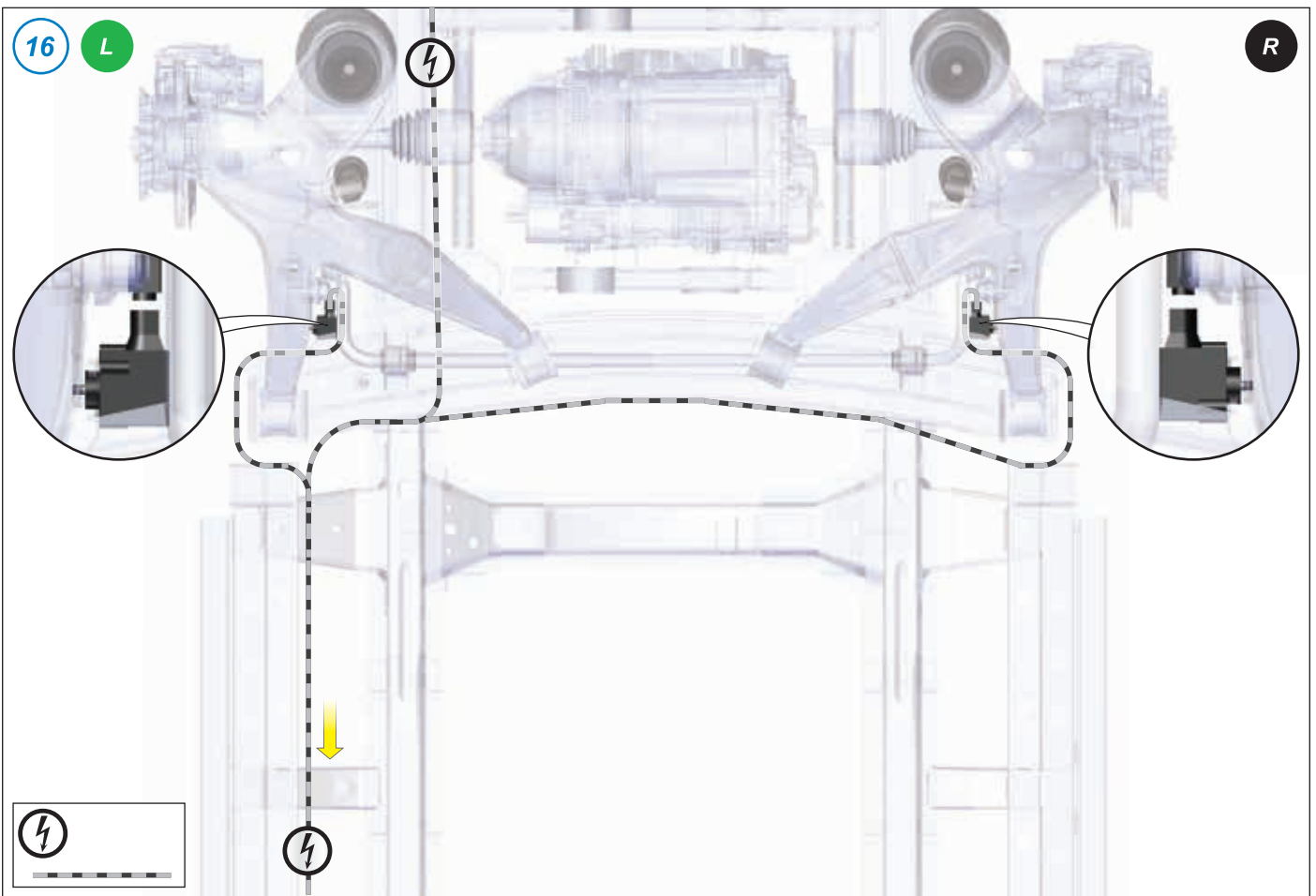


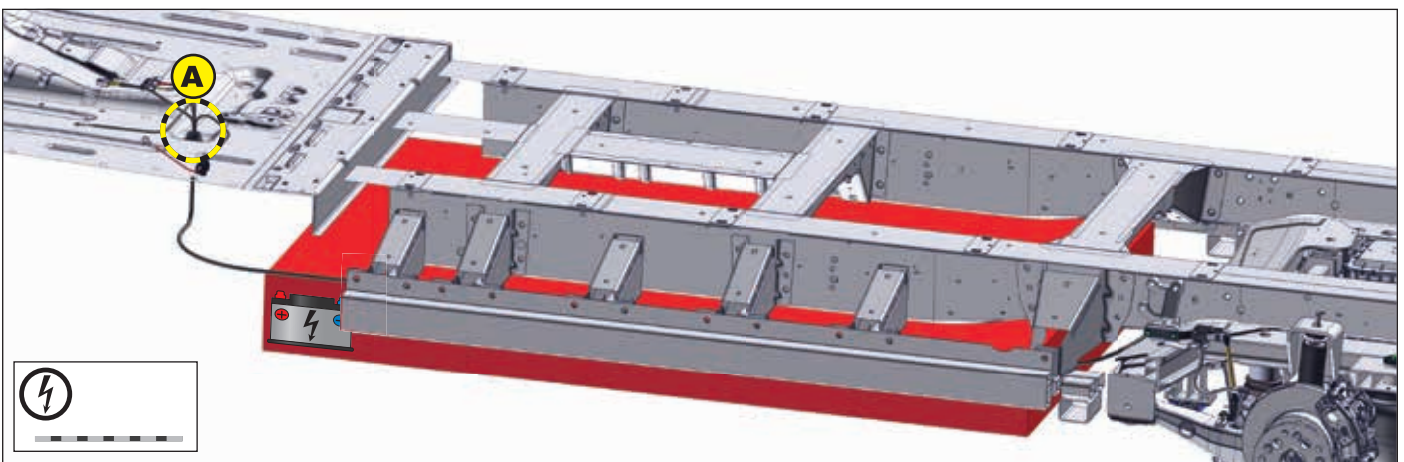
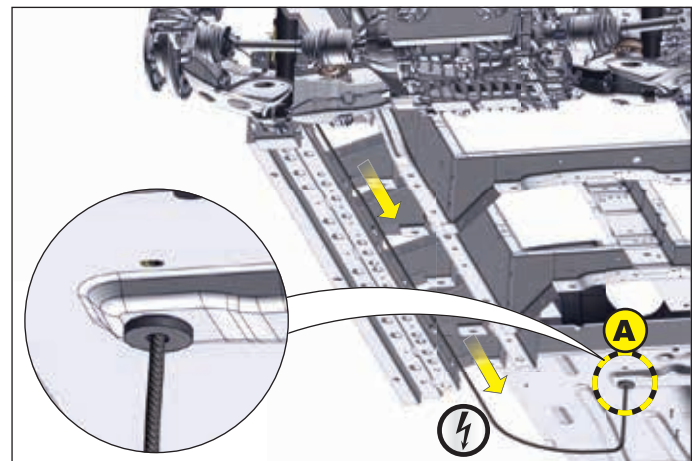
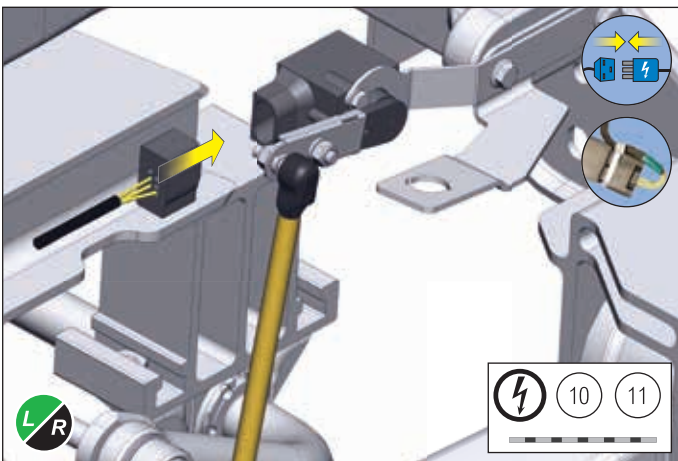
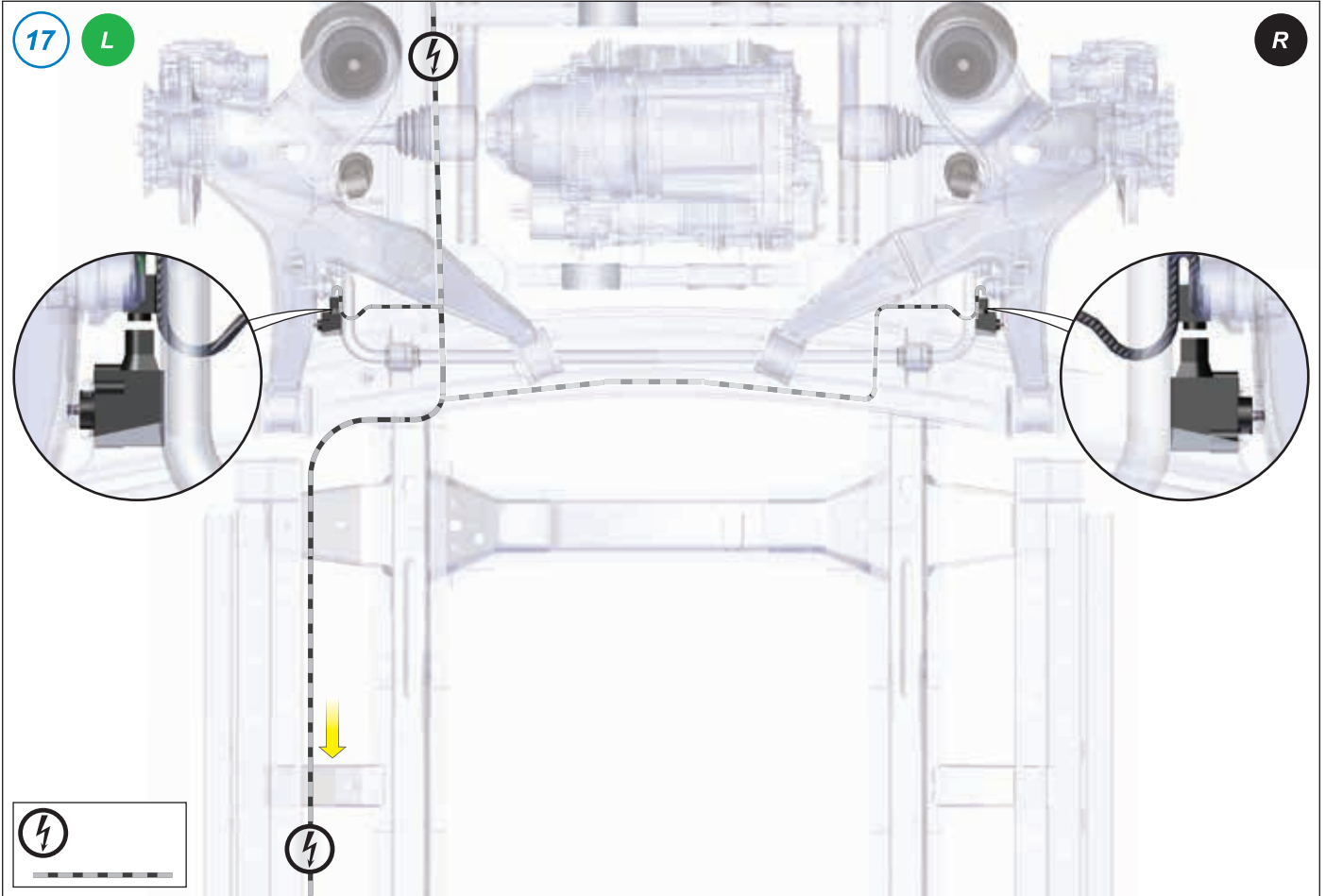
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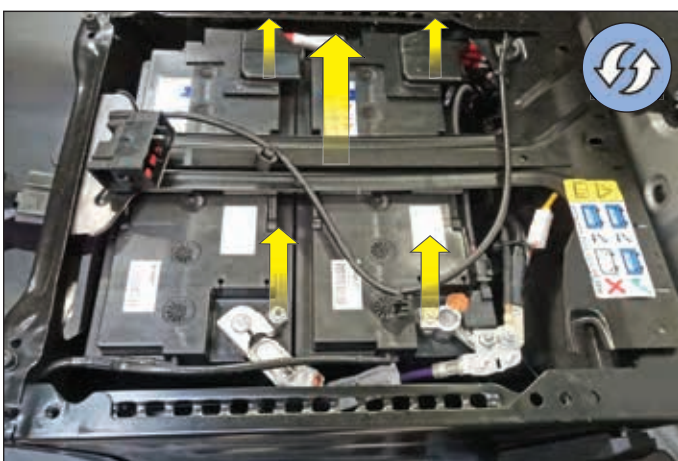
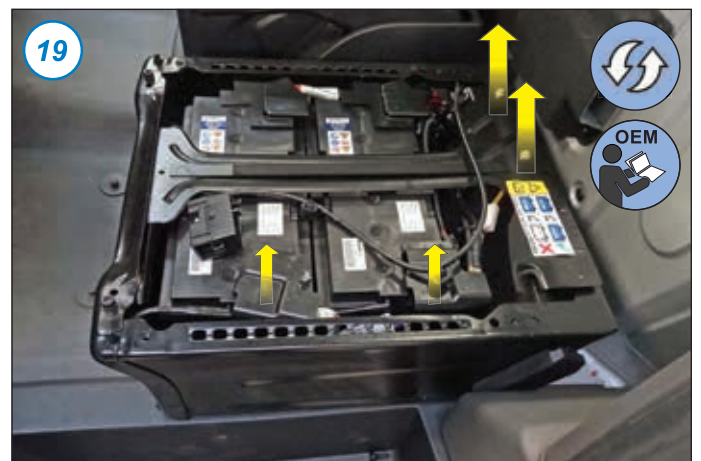
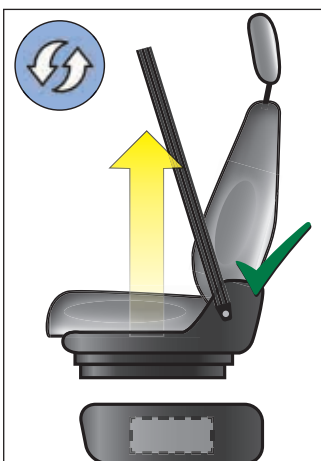
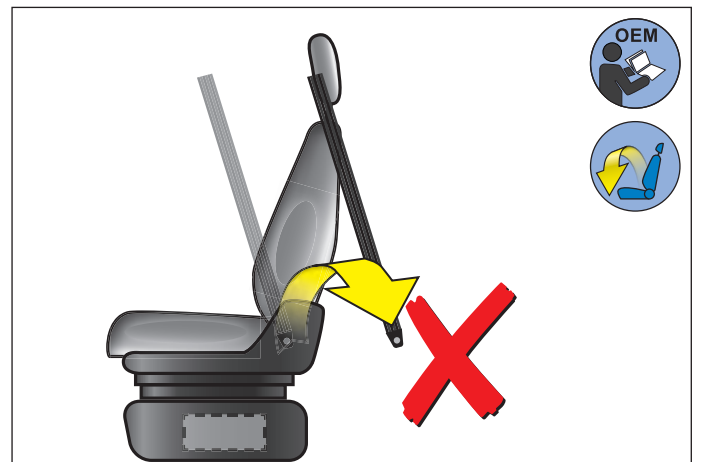
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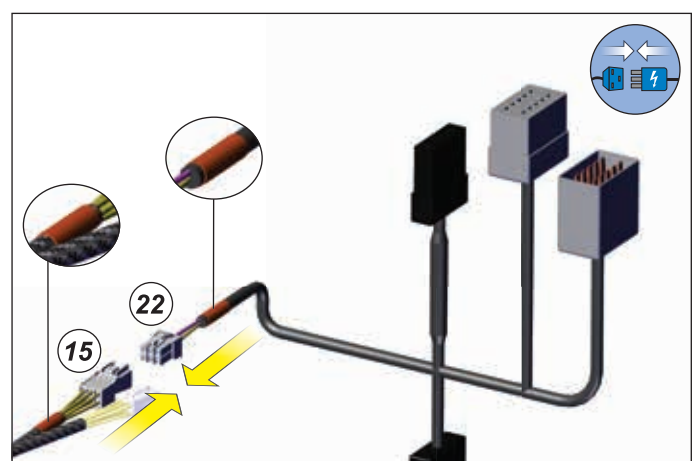
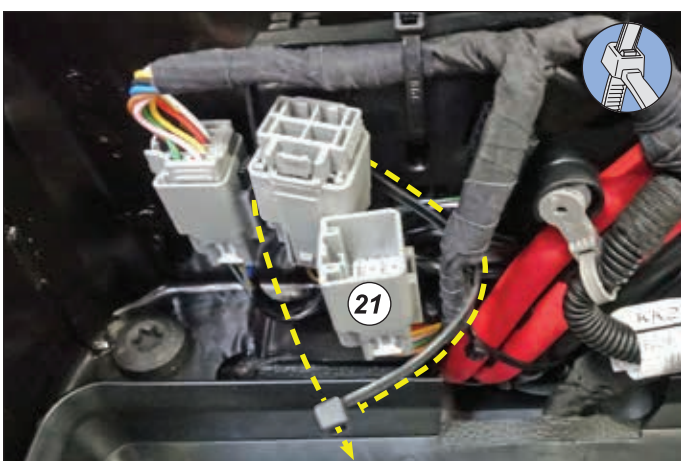
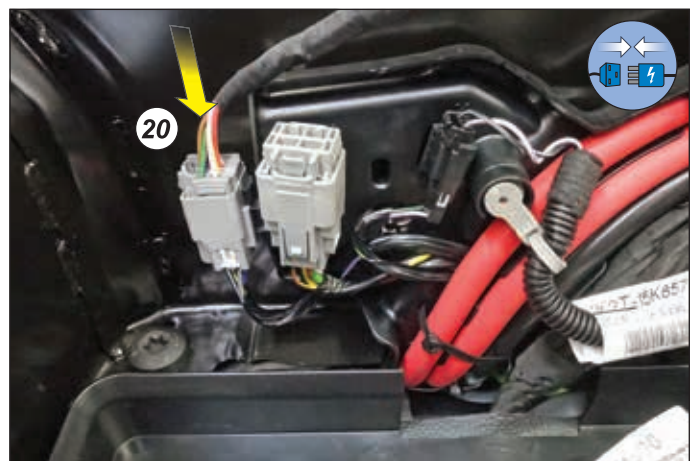
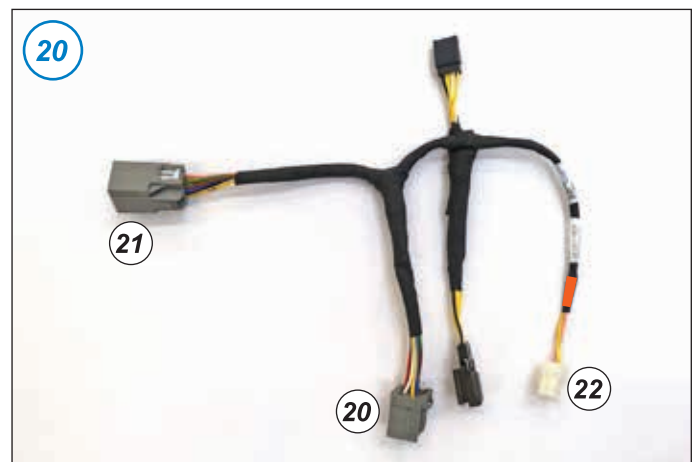
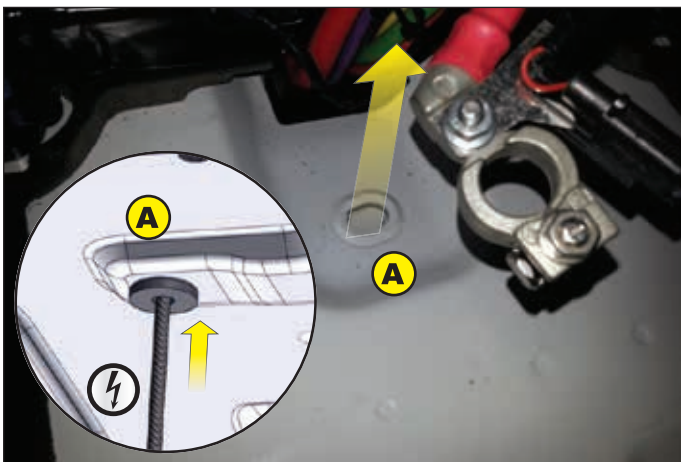
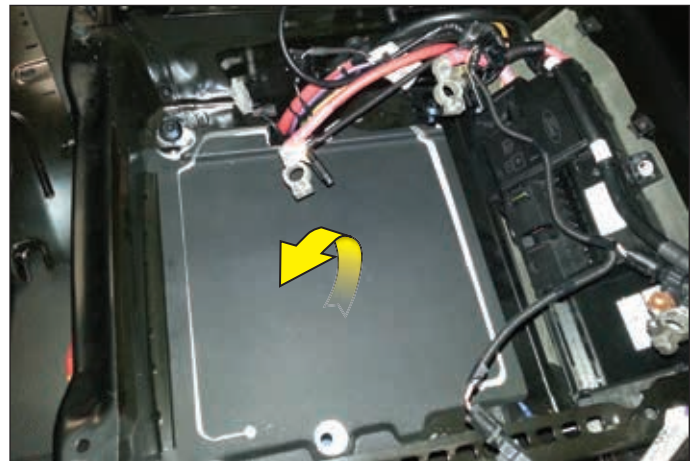
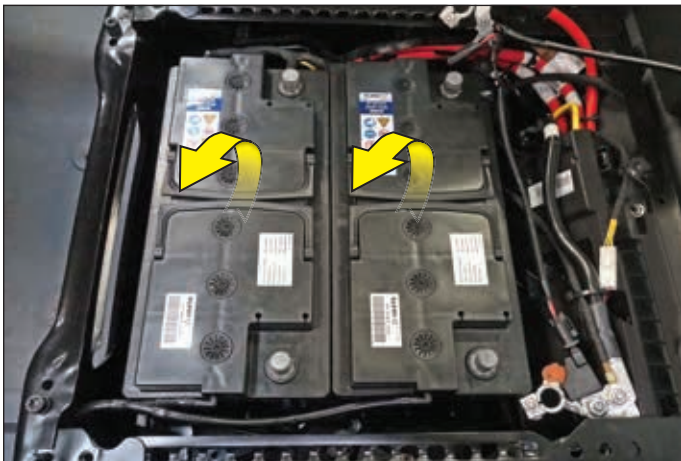
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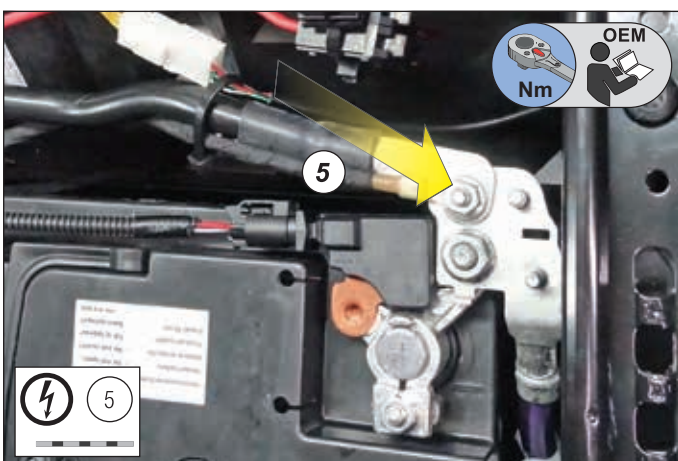
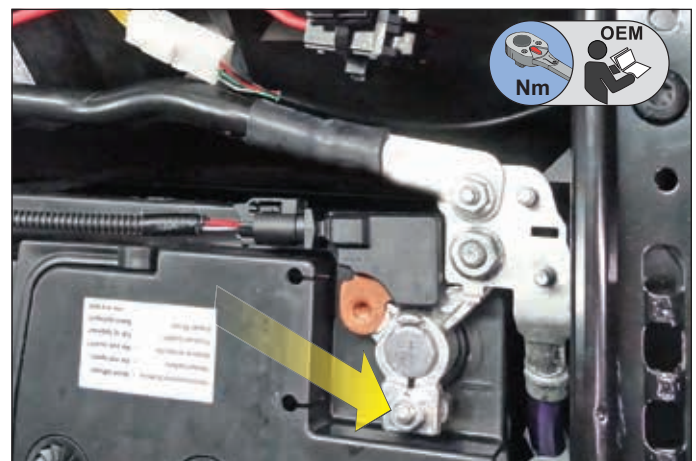
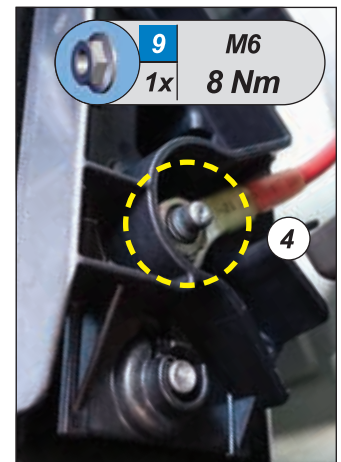
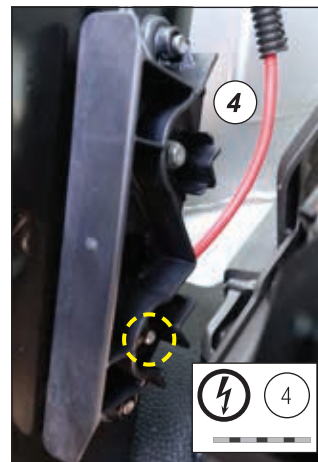
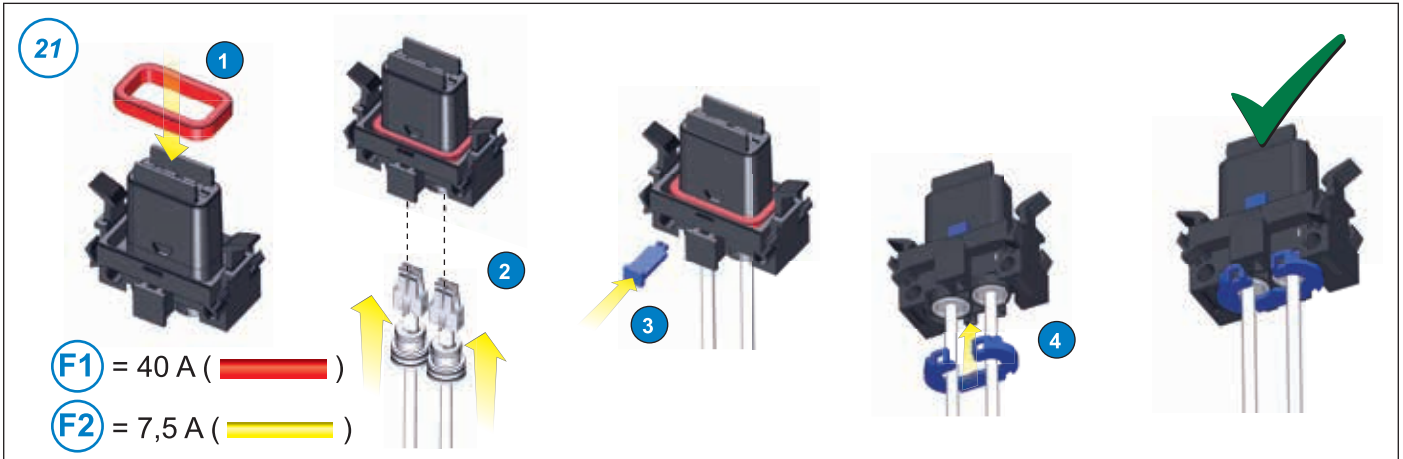
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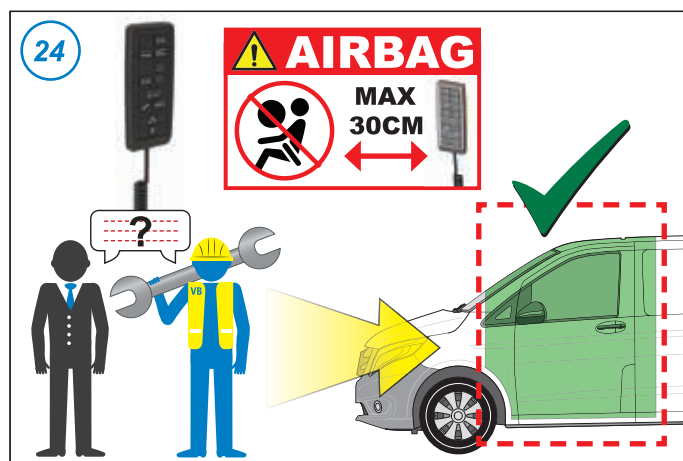
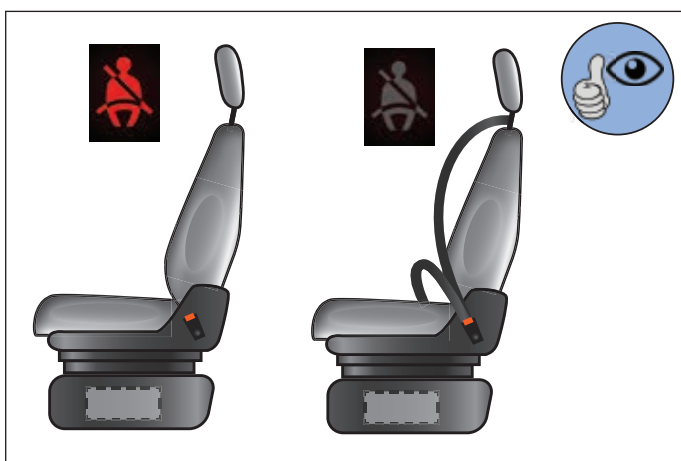
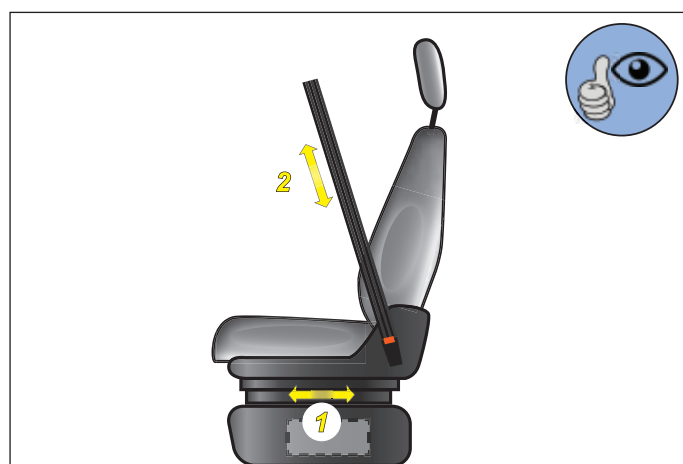
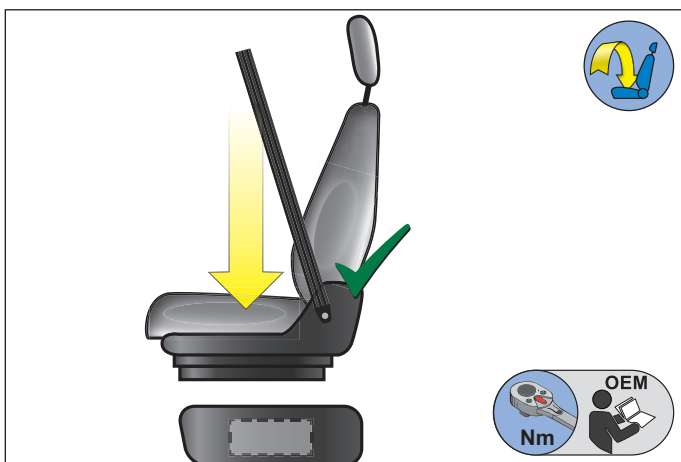
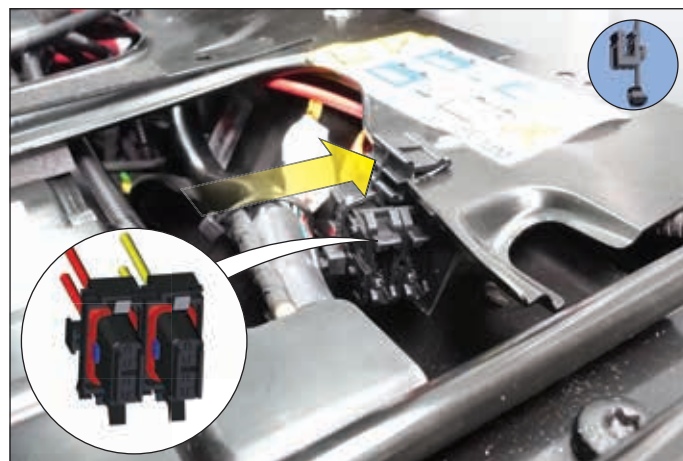
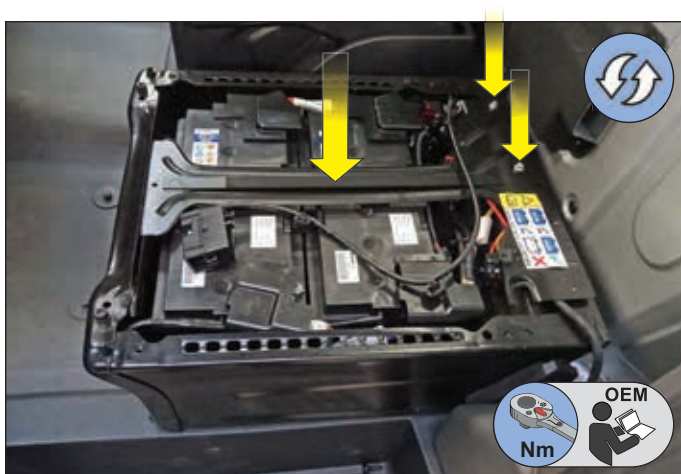


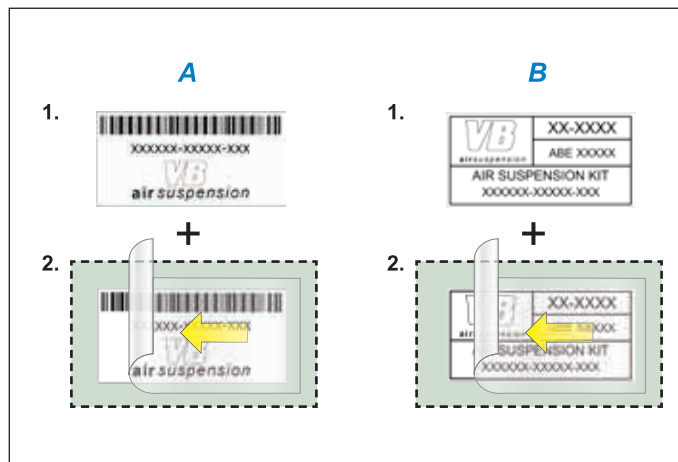








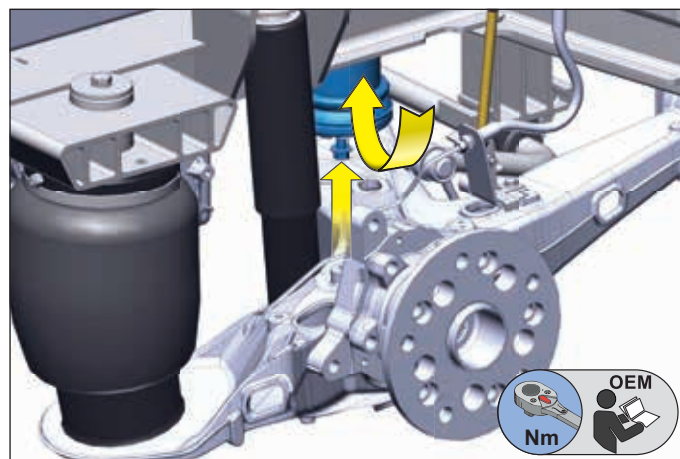
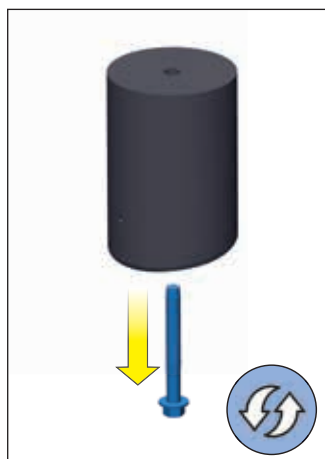
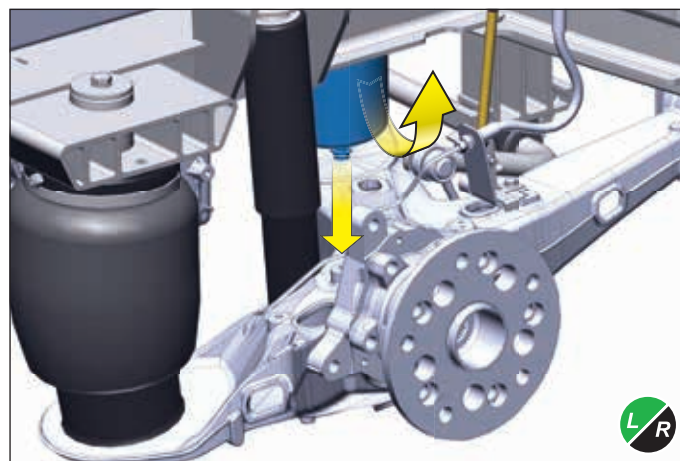
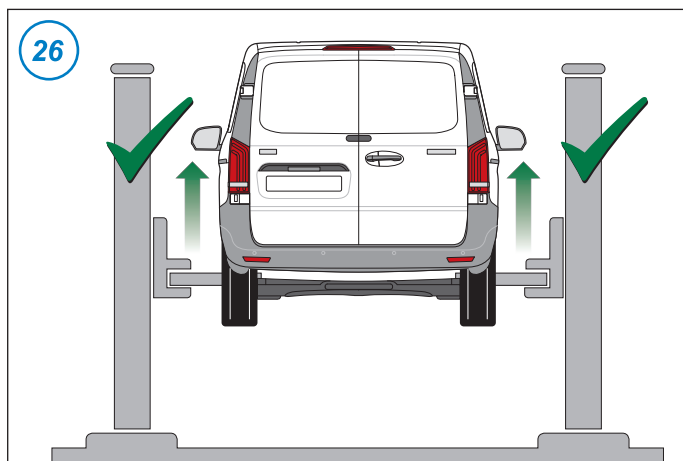




4. CALIBRATION / KALIBRATIE / KALIBRIERUNG / CALIBRAGE



Attention: Read and follow the installation guidelines for vehicle calibration. Follow the guidelines prescribed by VB-Airsuspension.



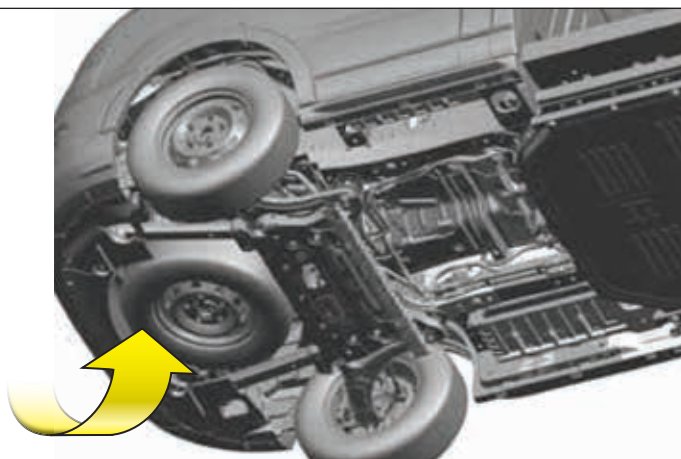
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+

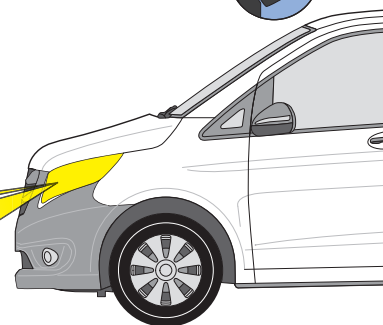
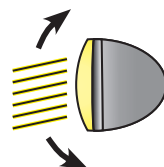
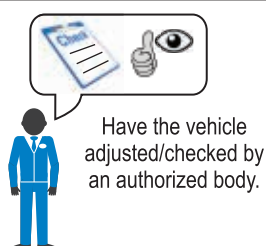
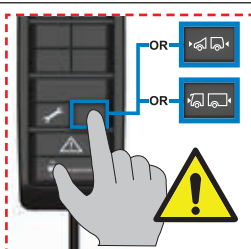
- Ford OEM-parts:**
1. F2577874 (Safety clip)
 2. F2601241 (Cable)
 3. F2653416 (Mounting plate)
 4. F2695684 (Spare wheel retainer)



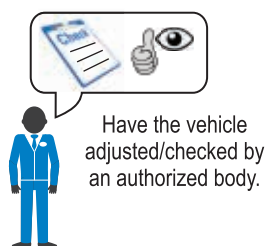
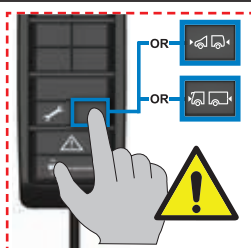
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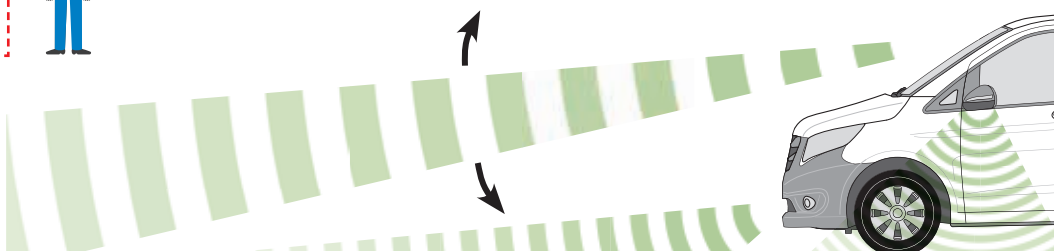


29



ADAS

(Advanced driver-assistance systems)



5. CHECKLIST / CHECKLIST / CHECKLISTE / CHECK-LIST



Enclosed is a CHECKLIST in English.
For a CHECKLIST in your own language,
see the supplied VB document
CHECKLIST 730105000003-ALL.

Attention: Fill in the checklist. This checklist should be retained by the dealer and must be available to VB-Airsuspension for inspection on request. Follow the guidelines prescribed by VB-Airsuspension.

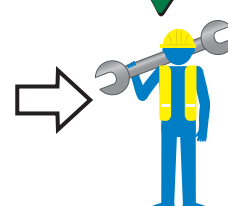
1.



Checklist
730105000003-ALL



2.



Final checks

- 1.1 ☐ Safety rules and fitting instructions read and followed.
- 1.2 ☐ Ride height correctly calibrated.
- 1.3 ☐ Front axle/rear axle aligned.
- 1.4 ☐ Height sensors correctly fitted.
- 1.5 ☐ Shock absorbers vented.
- 1.6 ☐ Bolted joints tightened to the correct torque and marked with security check paint marker.
- 1.7 ☐ Air tubes, wires and connectors properly secured.
- 1.8 ☐ All parts that were removed have been refitted and checked to ensure they are working properly.
- 1.9 ☐ System checked for air tightness.
- 1.10 ☐ Clearance around air springs checked.
- 1.11 ☐ Identification stickers, plus protective film, affixed to the vehicle.
- 1.12 ☐ Headlamp adjustment checked.
- 1.13 ☐ If required, have ADAS (Advanced Driver Assistance Systems) recalibrated.
- 1.14 ☐ VB-ID card inside cover of user manual.
- 1.15 Documentation present in vehicle:
 - ☐ - User manual
 - ☐ - TÜV/ABE documentation
 - ☐ - Original vehicle documentation
- 1.16 ☐ Battery voltage (<12.4 volt = charge).
- 1.17 ☐ Tyre pressures correct.

System functions

- 2.1 ☐ * Raise manually.
- 2.2 ☐ * Lower automatically.
- 2.3 ☐ * Lower manually.
- 2.4 ☐ * Raise automatically.
- 2.5 ☐ Test drive carried out.

☐ **SYSTEM OK**

* Not for VB-NivoAir

Completed as a true and accurate record:

Date: - -

VIN:

Dealer: _____

VB-ID-no.: -

Kit numbers(s):

Fitting instructions no.:

Version:

This checklist should be retained by the dealer and must be available to VB-Airsuspension for inspection on request.

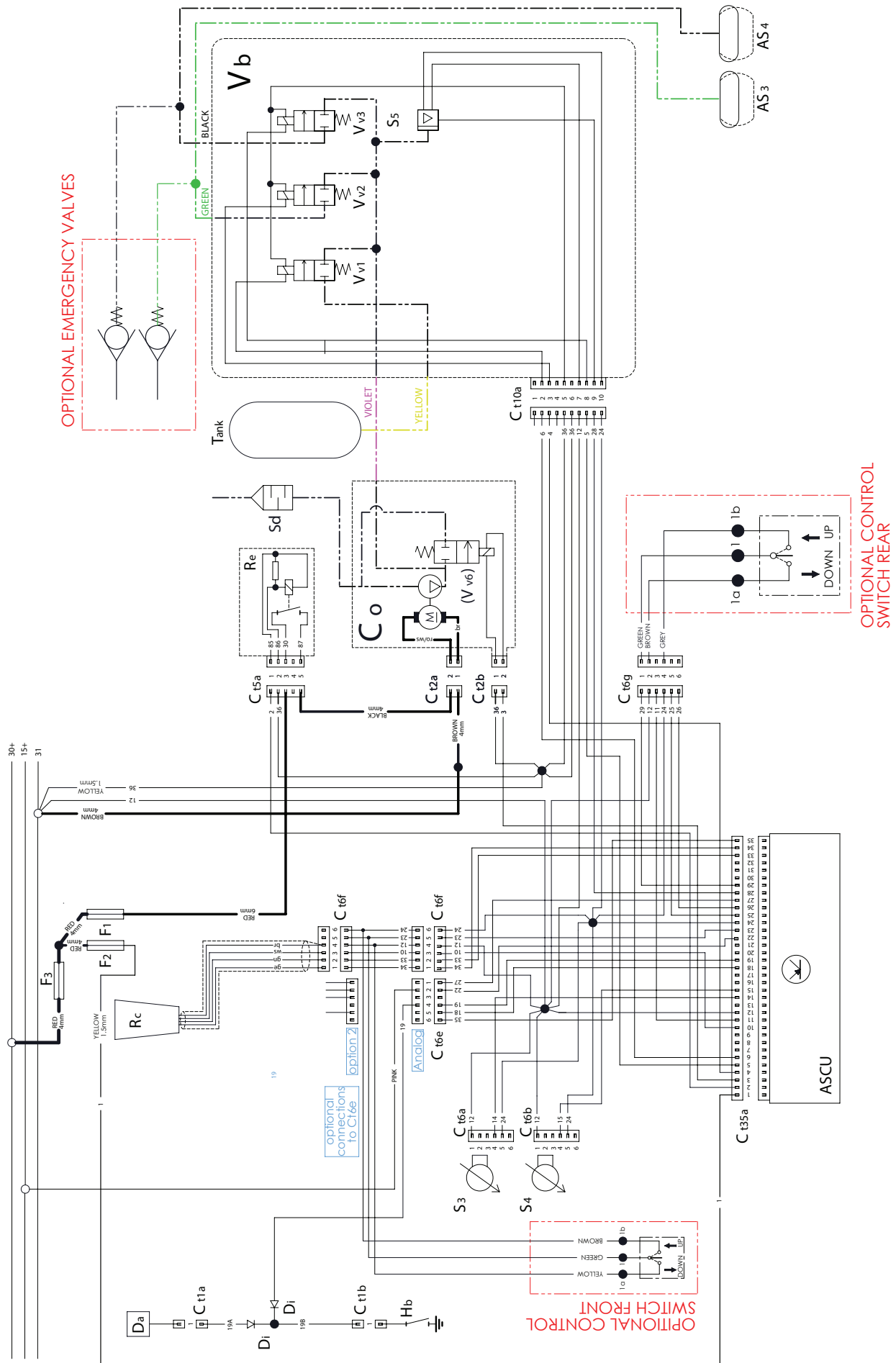




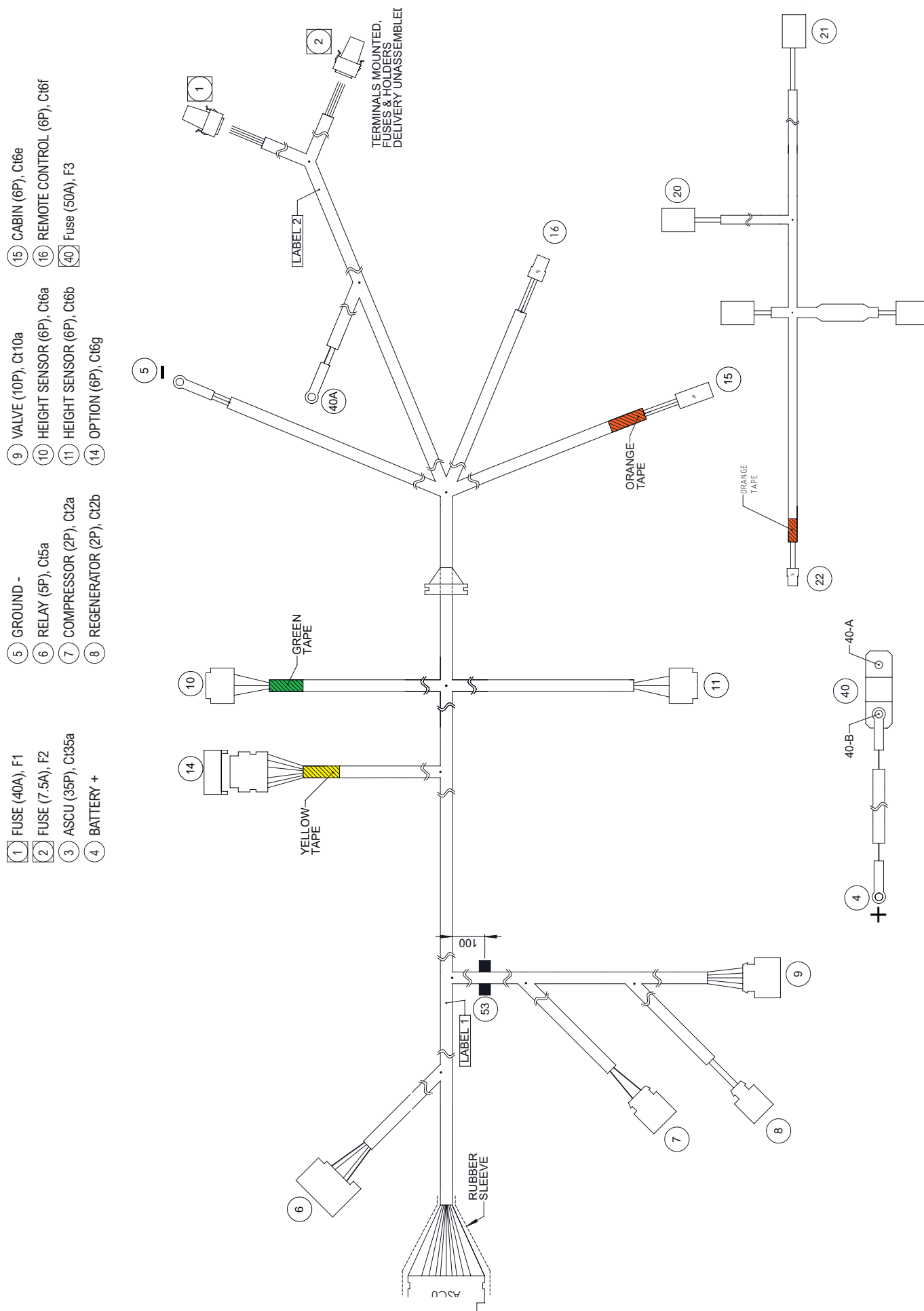
Symbols on electrical diagram:



INSTALLATION GUIDELINES
730105000004-ALL

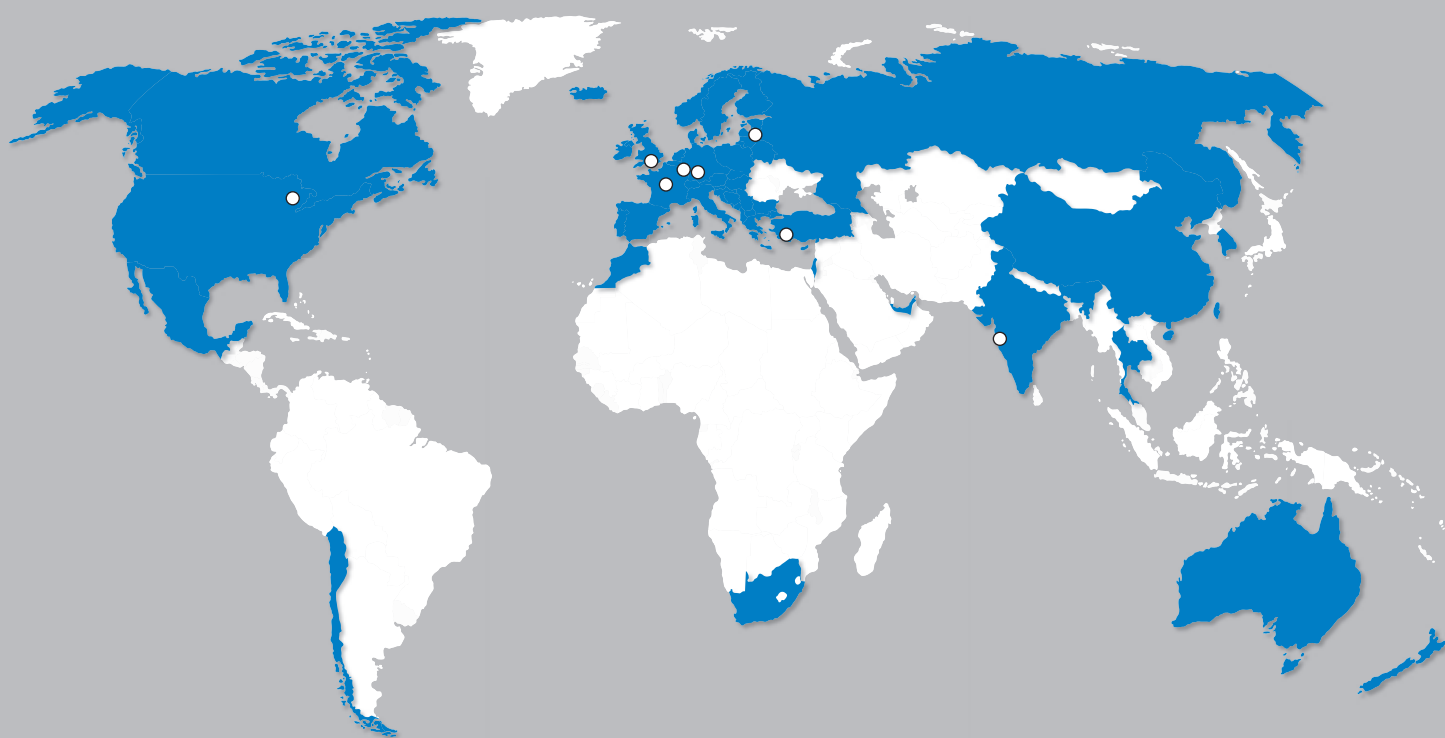


6. ELECTRICAL DIAGRAM / ELEKTRISCH SCHEMA / SCHALTBILD / SCHÉMA ÉLECTRIQUE



Lined paper template with horizontal ruling lines.

Lined area for writing or drawing.



VB-AIRSUSPENSION,

INCREASED COMFORT, BETTER DRIVEABILITY, MORE SAFETY.

