



SN.

Dr. Jekyll & Mr. Hyde®

THE EXHAUST

MANUAL : TRIUMPH® | EASYMOUNT | SMARTBOX 2

**NEW IN THIS MANUAL:
- FIRST EDITION**



Triumph Speedtwin

2019 » Up

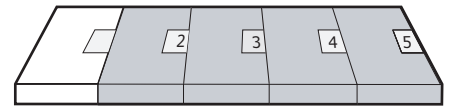
Instruction
video



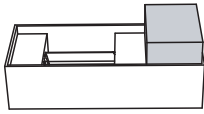
1

Triumph SPEEDTWIN

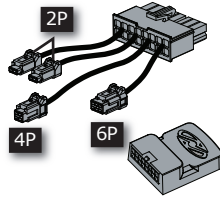
Easymount Smartbox 2



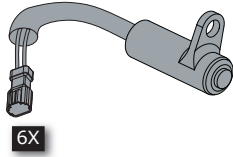
brackets / linkpipes / clamps and mounting parts.



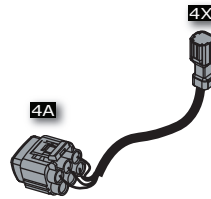
2 Smartbox 2



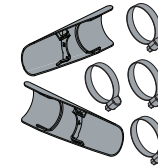
3 Mode Switch for Smartbox



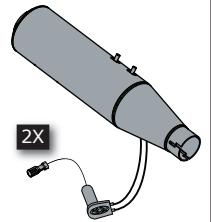
4 Smartbox Control Cable



5 Optional Heatshields

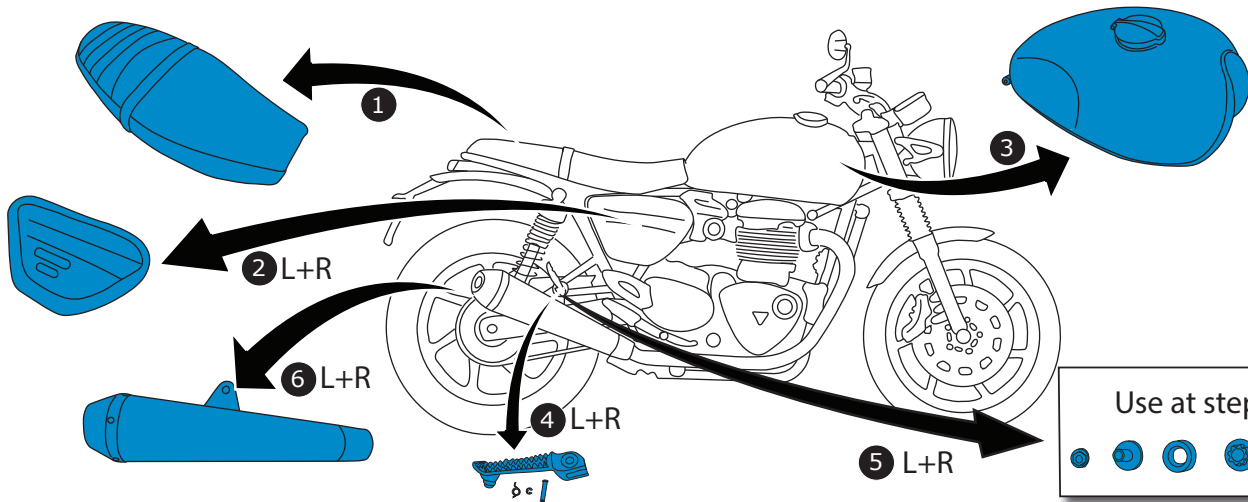


Exhaust/Cable /Servo System



The instruction video for this model is available online, scan QR code on front page.

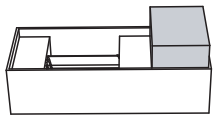
2



!
Remove or Lift tank

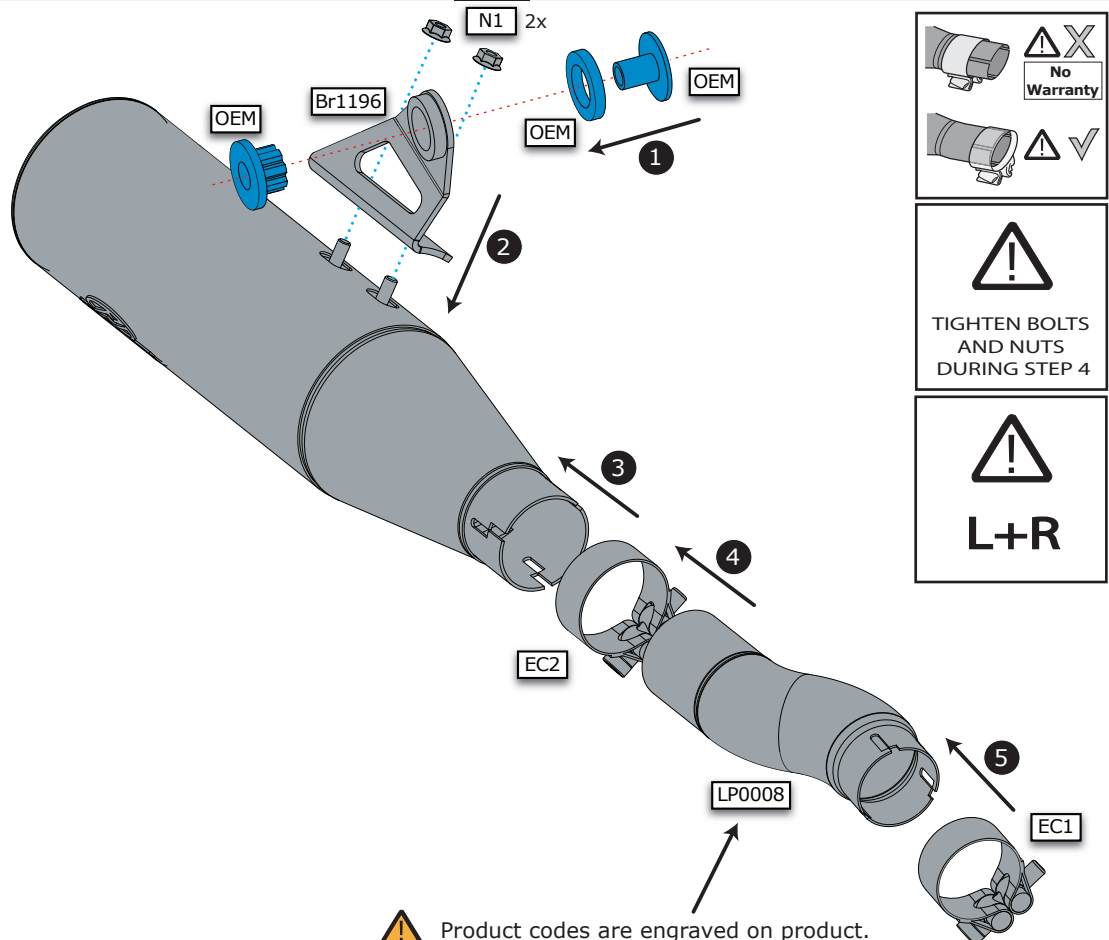


3



Items required

- 2x EC1
- 2x EC2
- 4x N1
- 1x Br1196 **!** RIGHT
- 1x LP0008 **!** RIGHT
- 1x Br1197 **!** LEFT
- 1x LP0007 **!** LEFT
- 2x OEM
- 2x OEM
- 2x OEM



! **X**
No Warranty




! **✓**

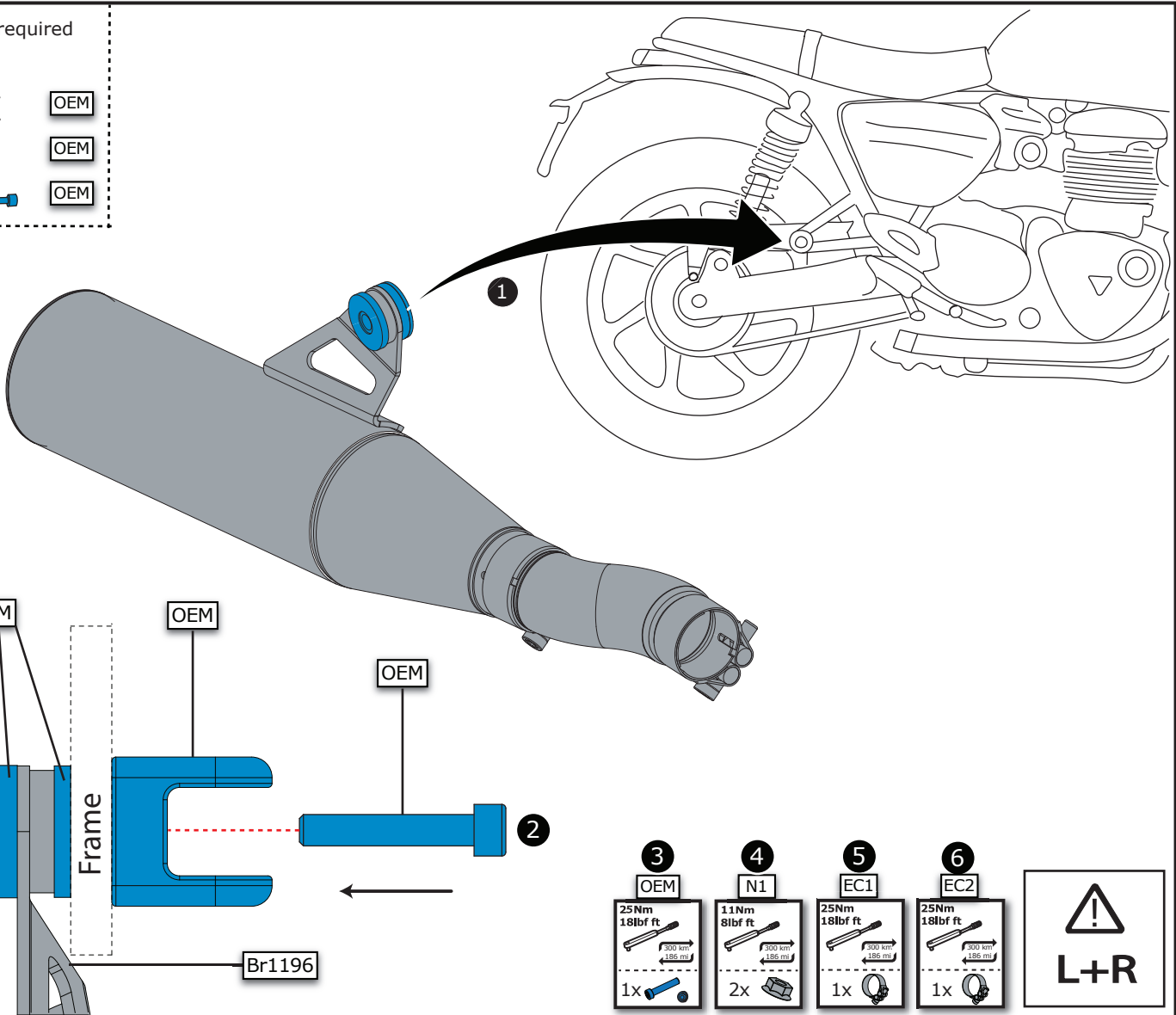
!
TIGHTEN BOLTS AND NUTS DURING STEP 4










!
L+R

! Product codes are engraved on product.

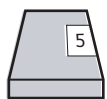
4 Items required

- 2x  OEM
- 2x  OEM
- 2x  OEM

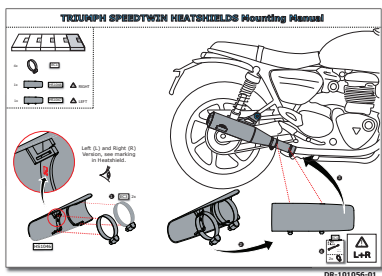


3 OEM	4 N1	5 EC1	6 EC2	 L+R
 25Nm 18lbf ft <small>300 km / 186 mi</small> 1x 	 11Nm 8lbf ft <small>300 km / 186 mi</small> 2x 	 25Nm 18lbf ft <small>300 km / 186 mi</small> 1x 	 25Nm 18lbf ft <small>300 km / 186 mi</small> 1x 	

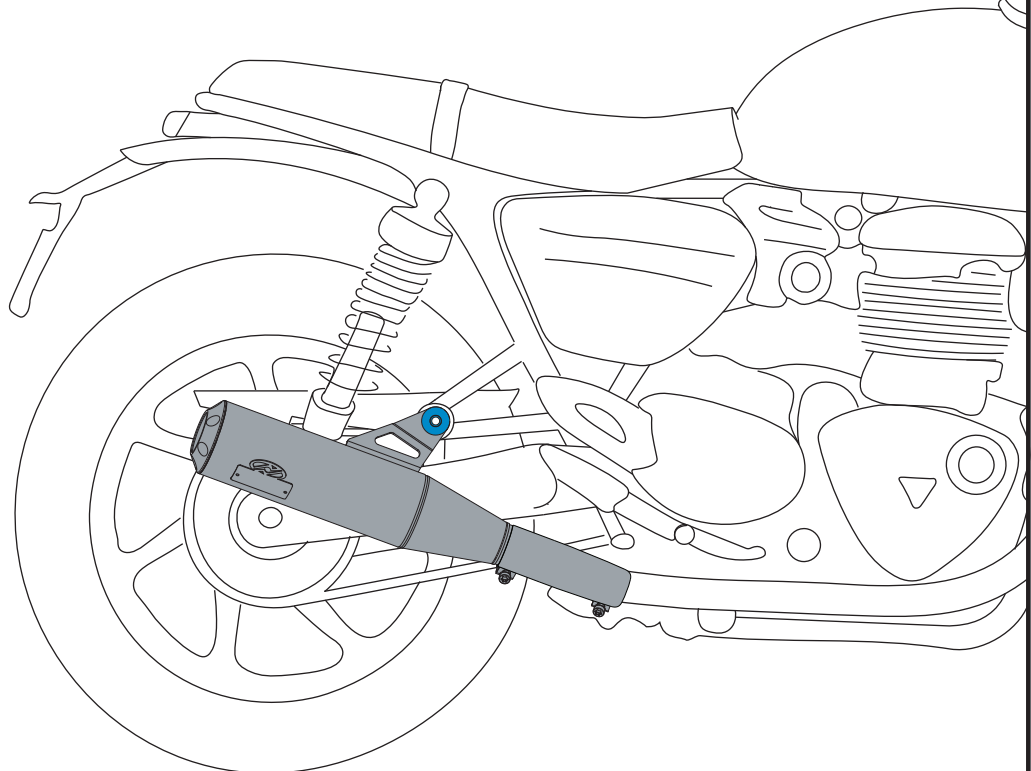
5



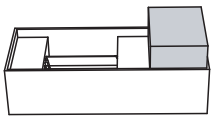
Optional Heatshields



1x Heatshield manual

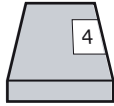


6

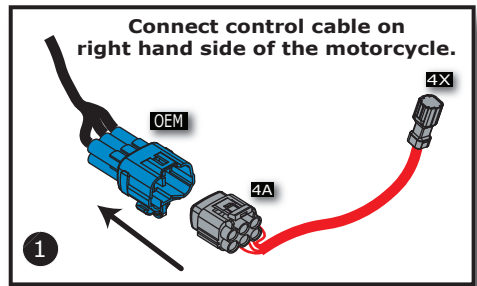


Items required

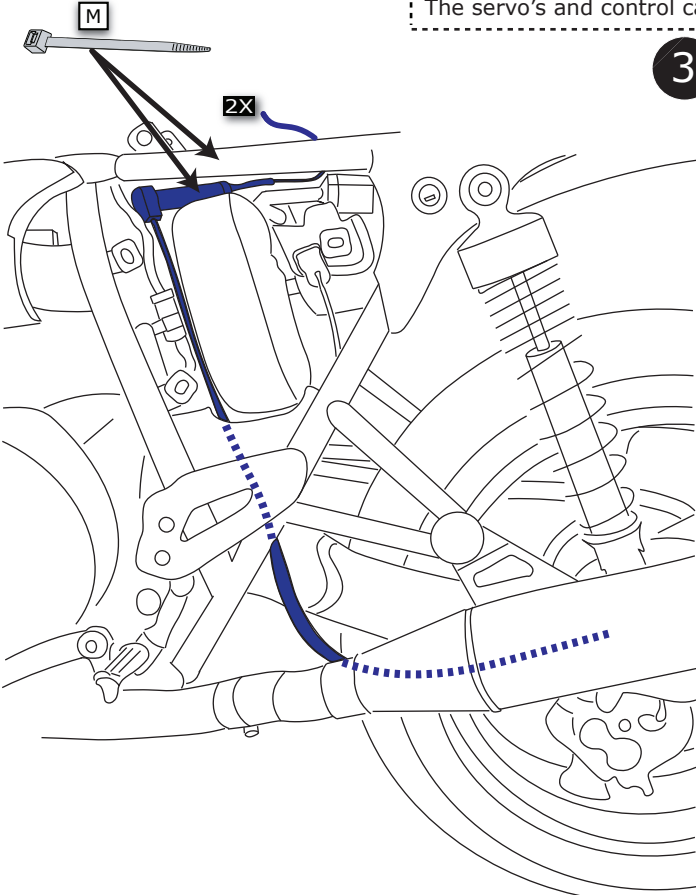
AND



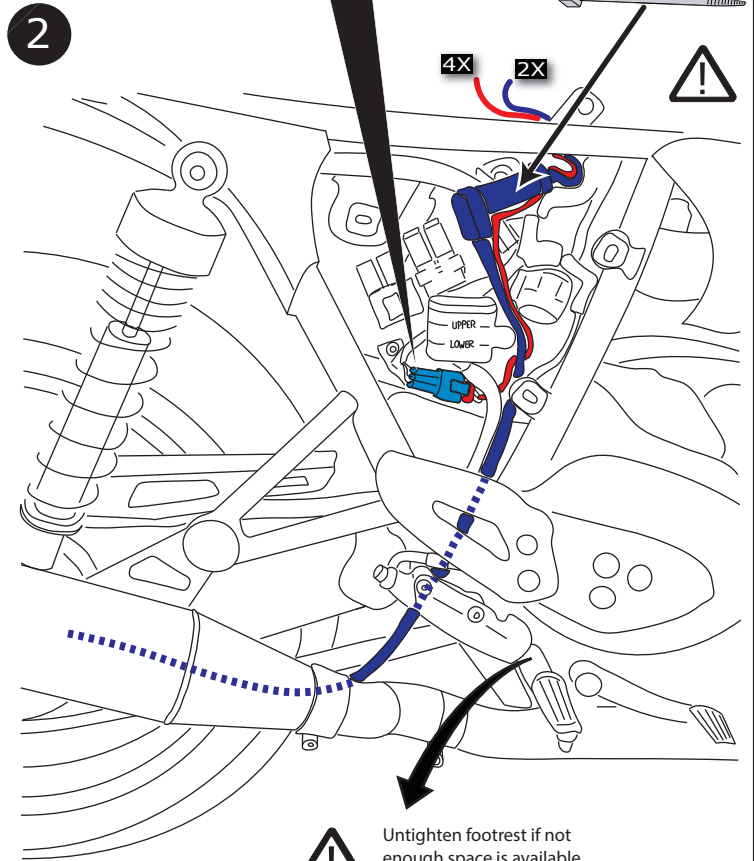
2x M



The servo's and control cable are positioned as followed:



LEFT

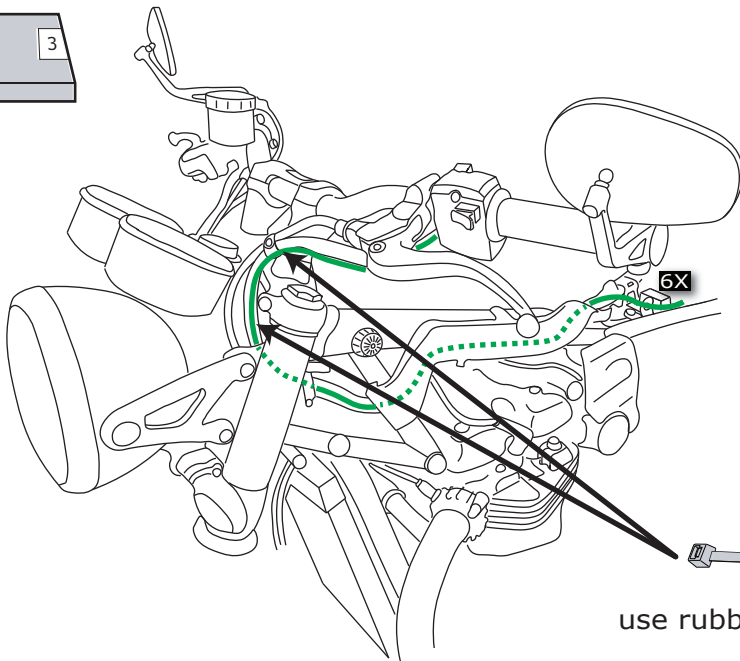


RIGHT

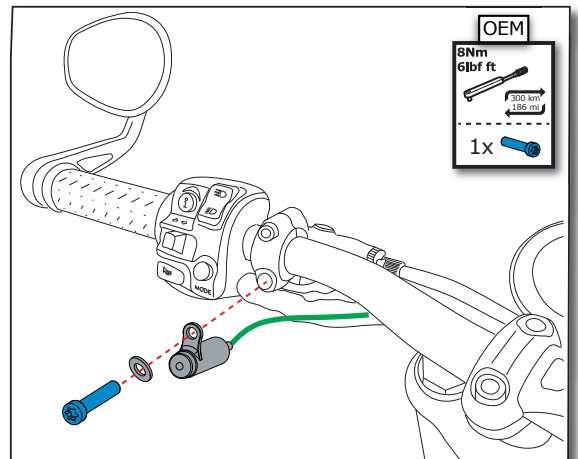
In reality all cables are black

! Untighten footrest if not enough space is available to guide servo cable.

7

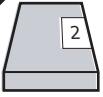


OR use rubber OEM straps

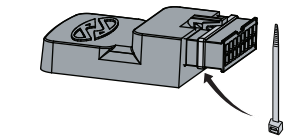
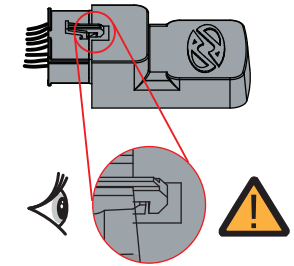
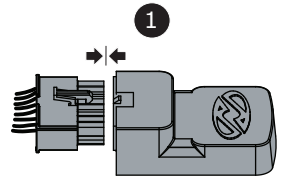
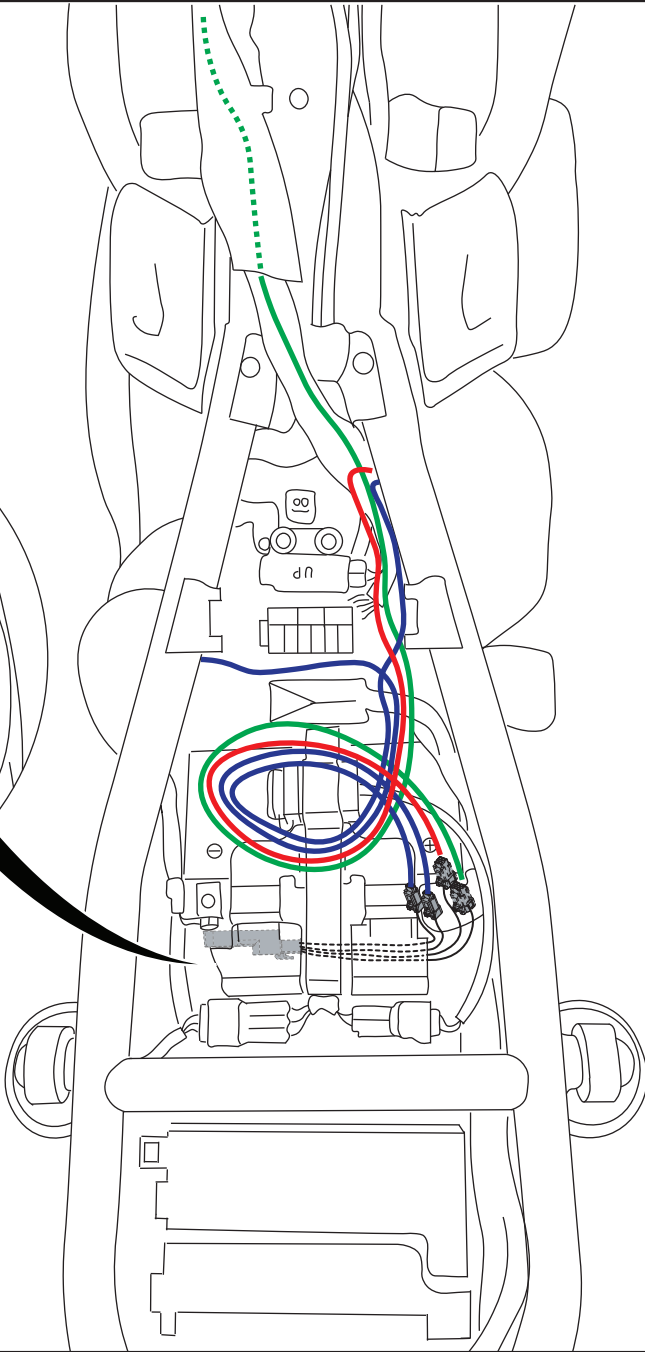
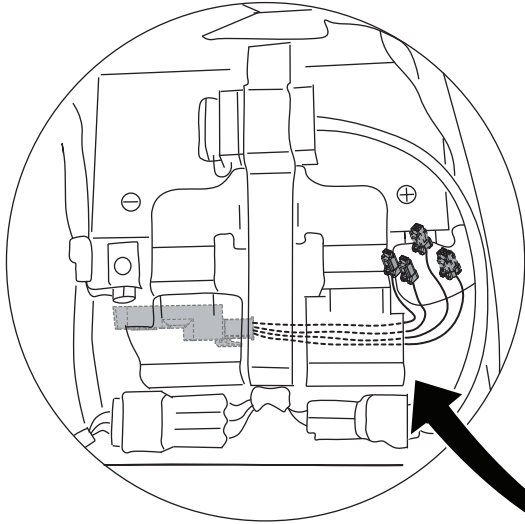


In reality all cables are black

8

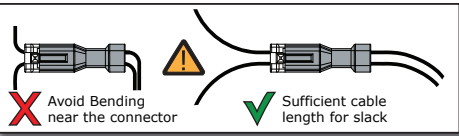


**SMARTBOX
PLACED UNDER
BATTERY COVER**

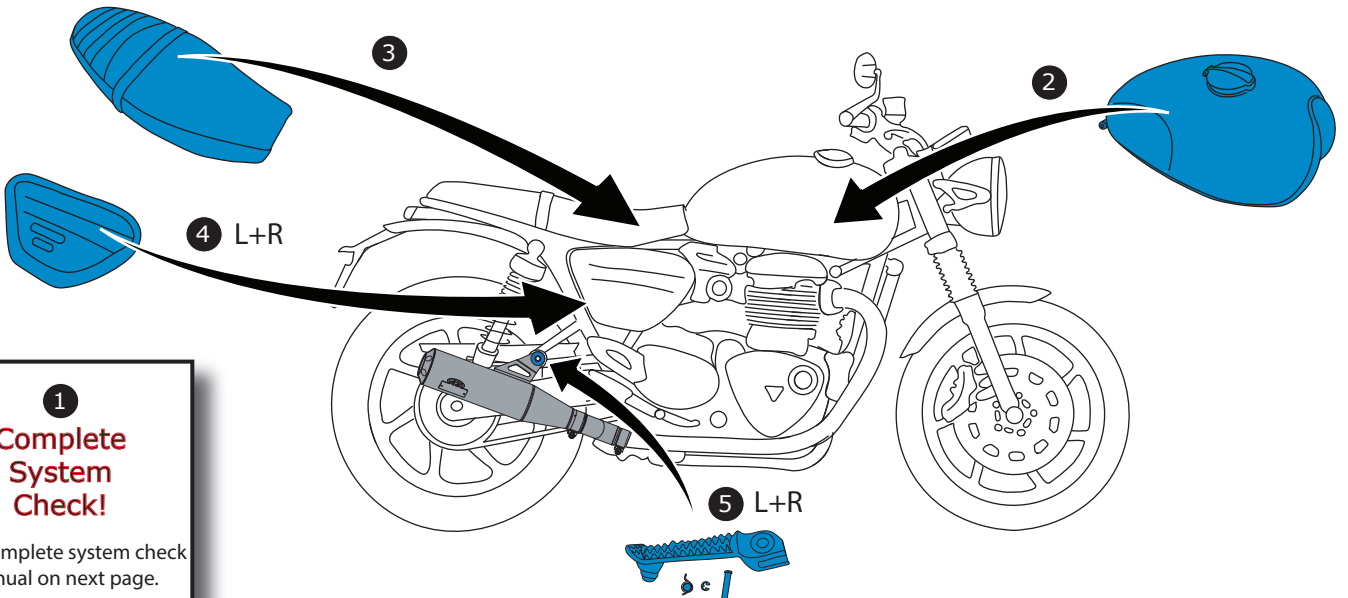


In reality all cables are black

Fix cables with cable ties.

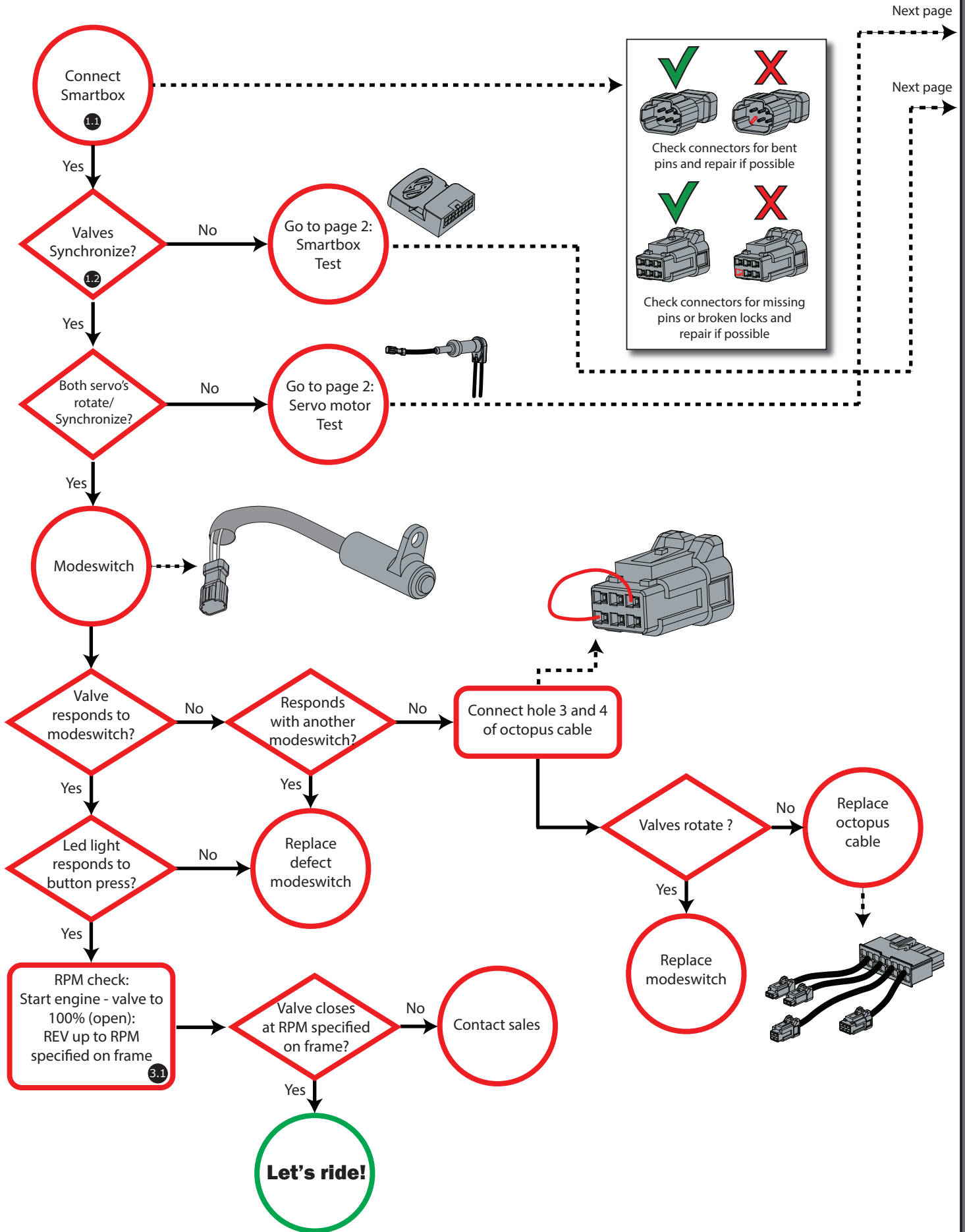


9

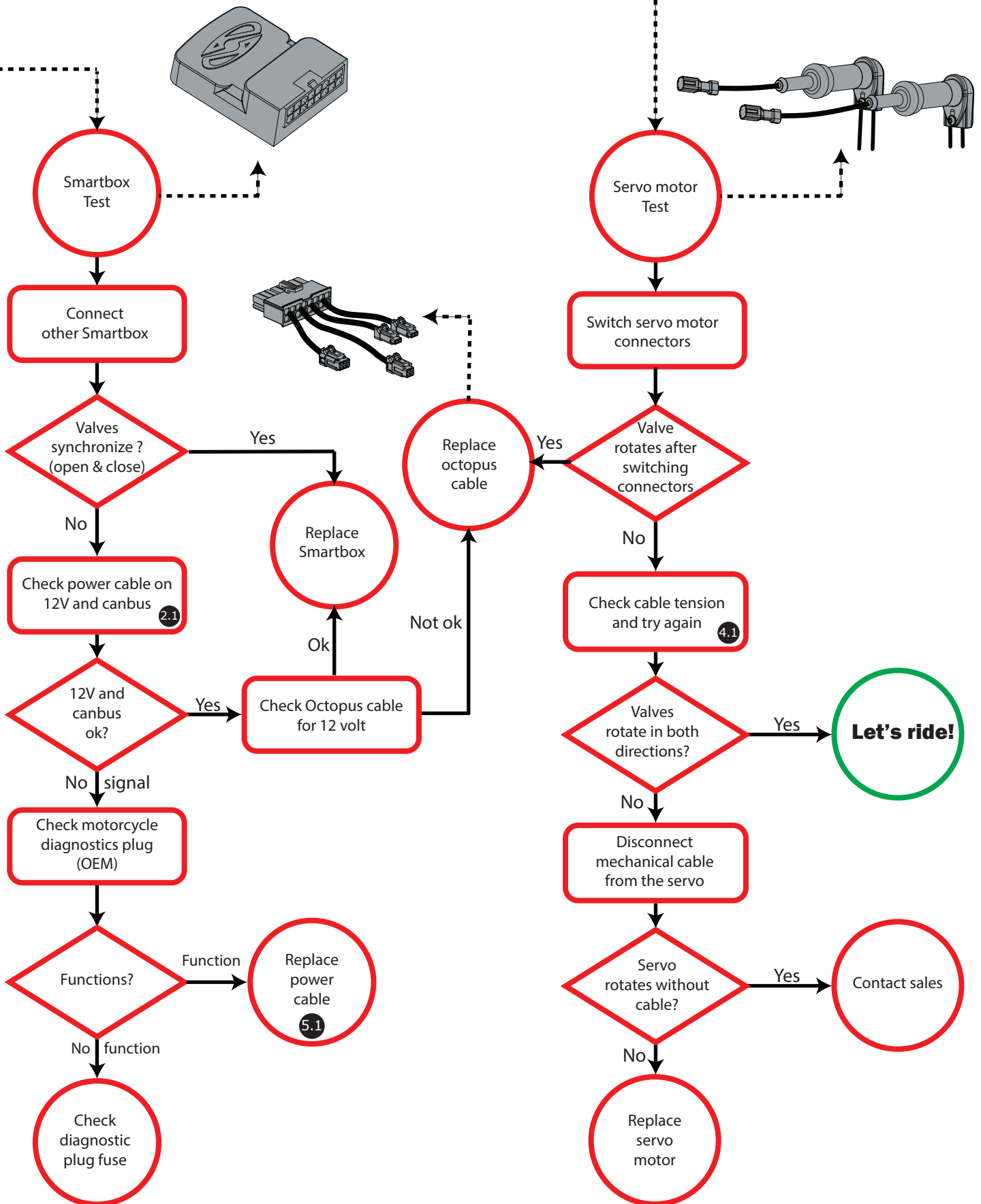


1 Complete System Check!
See complete system check manual on next page.

Complete System check + Troubleshooter



Complete System check + Troubleshooter



INSTRUCTIONS

- 1.1 What happens when initializing and when does the system initialize?

The initialization is at any time the Smartbox is supplied with power again. This could be when it is plugged in or the motor is put on contact.

- 1.2 What do we mean by initializing motors?

Initializing is determining the time when the valve opens and closes, in order to maintain a legal system. The system checks what the valve range is. To determine the center point.

- 2.1 Check power cable and or canbus

Power voltage: + and - 12V,

CAN bus voltage: CAN-High from 2.5V to 3.5V, CAN-Low from 2.5V to 1.5V at rest are both 2.5V.

- 3.1 RPM specifications

This specific RPM window is mentioned on the sticker on the frame. For this test first start the bike and press the button to open the valve to 100%. Then go to the RPM window and the smartbox should react on this by closing the valve. Sometimes it is hard to keep the bike in the indicated window.

• 4.1 Cable Tension

Check the cable tension to see if it is right:

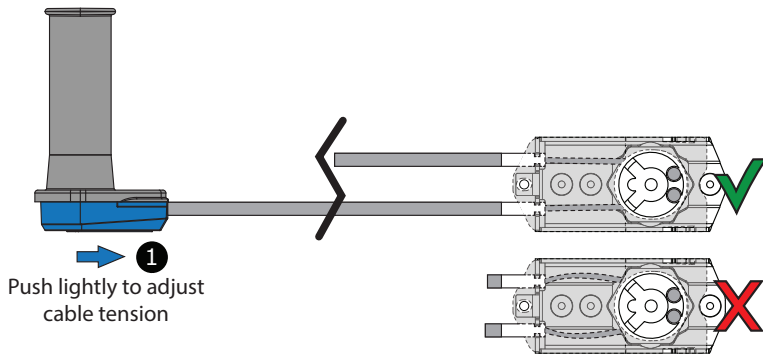
Valve doesn't rotate -> Cable tension too high

Valve makes a rattling Noise -> cable tension too low

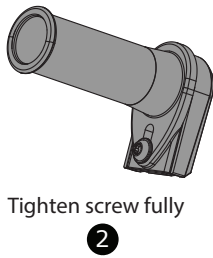
Valves rotational direction uneven? Adjust mechanical cable



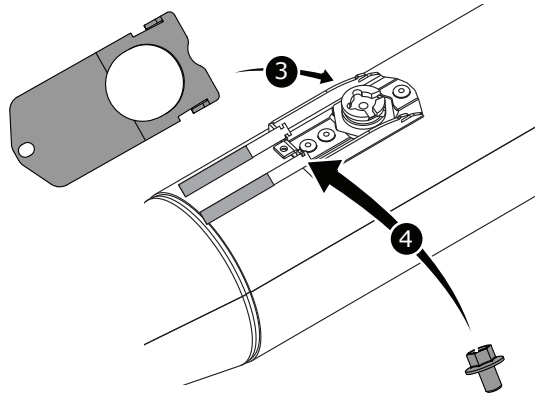
Adjust cable tension and tighten screws



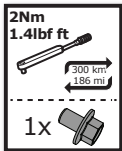
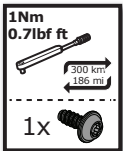
When mounted on motorcycle:
 ⚠ Tension too high = valve doesn't rotate ⚠
 ⚠ Tension too low = rattling valve ⚠
 Adjust on bike if necessary



Tighten screw fully



Use new screws only!



• 5.1 The power cable may vary for different brands and models of motorcycles.