



SN. . . . .

*Dr. Tekill & Mr. Hyde®*

THE EXHAUST

MANUAL : **TRIUMPH®** | **EASYMOUNT** | **SMARTBOX 2**

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



Triumph Speedtwin

2019 » Up

Instruction  
video



[WWW.JEKILLANDHYDE.COM](http://WWW.JEKILLANDHYDE.COM) | [SALES@JEKILLANDHYDE.COM](mailto:SALES@JEKILLANDHYDE.COM)

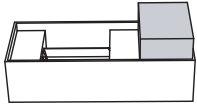
DR-130687-01  
**1/5**

1

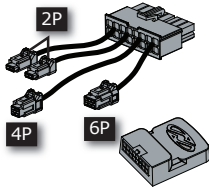
# Triumph SPEEDTWIN

## Easymount Smartbox 2

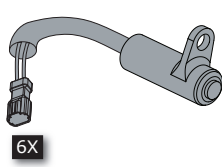
brackets / linkpipes /  
clamps and mounting  
parts.



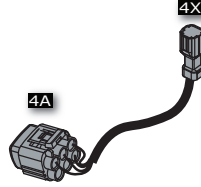
Smartbox  
2



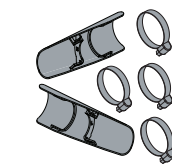
Mode Switch  
for  
Smartbox



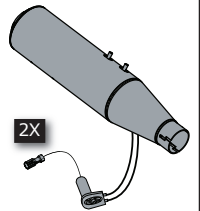
Smartbox  
Control Cable



Optional  
Heatshields

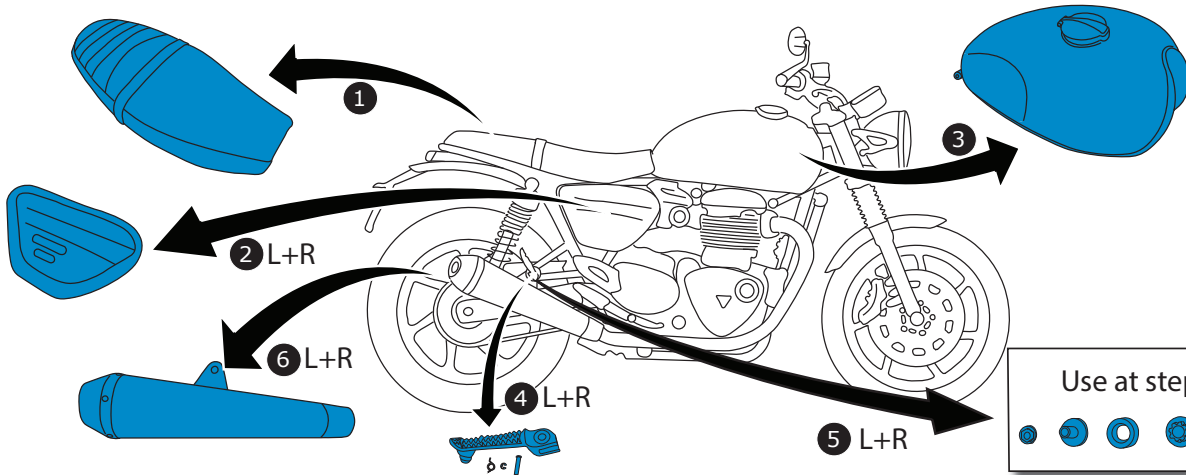


Exhaust/Cable  
/Servo System



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

2

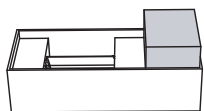


Remove  
or Lift tank

Use at step 3 and 4

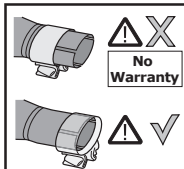
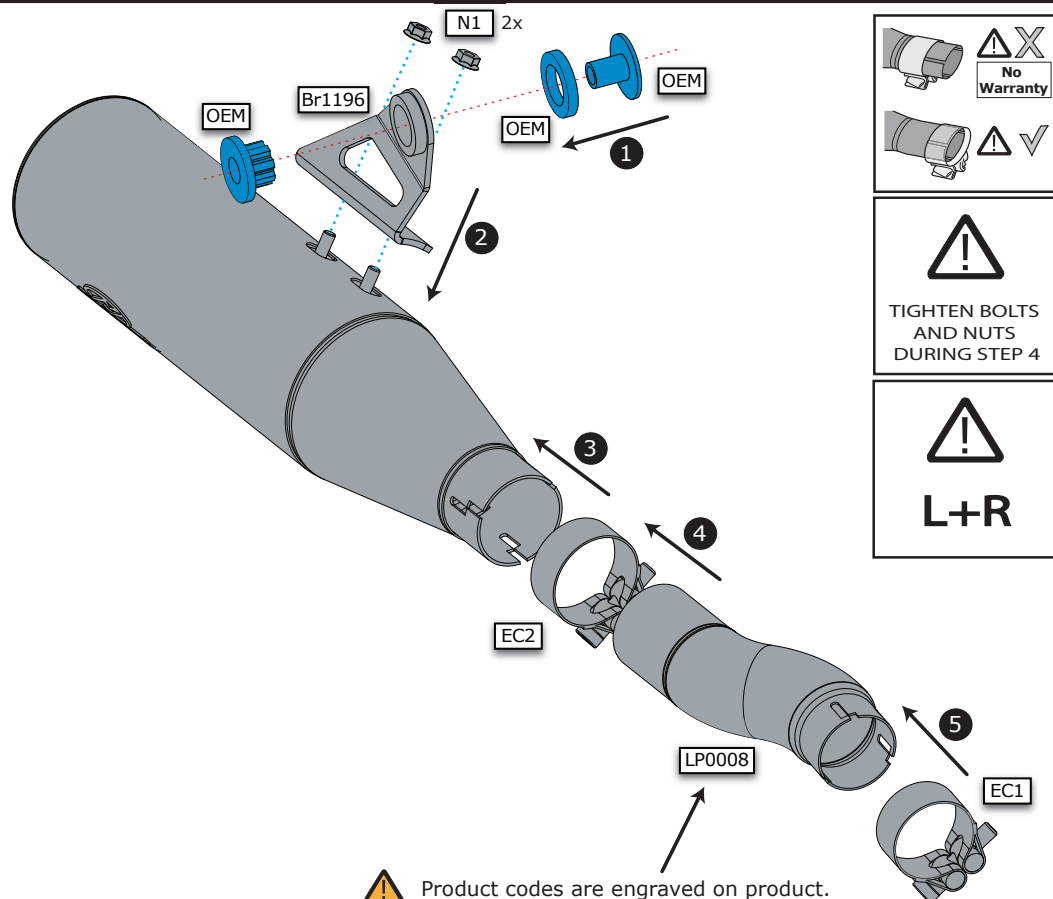


3



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**



No  
Warranty



TIGHTEN BOLTS  
AND NUTS  
DURING STEP 4






L+R

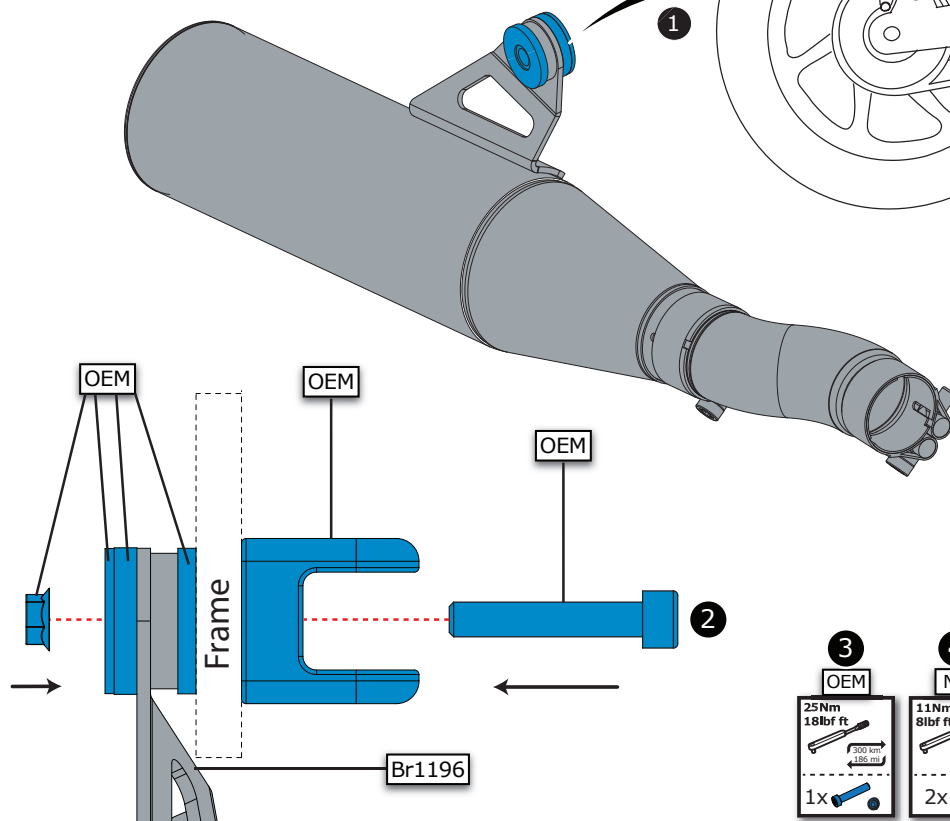


Product codes are engraved on product.

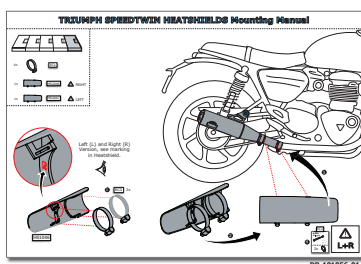
4

## Items required

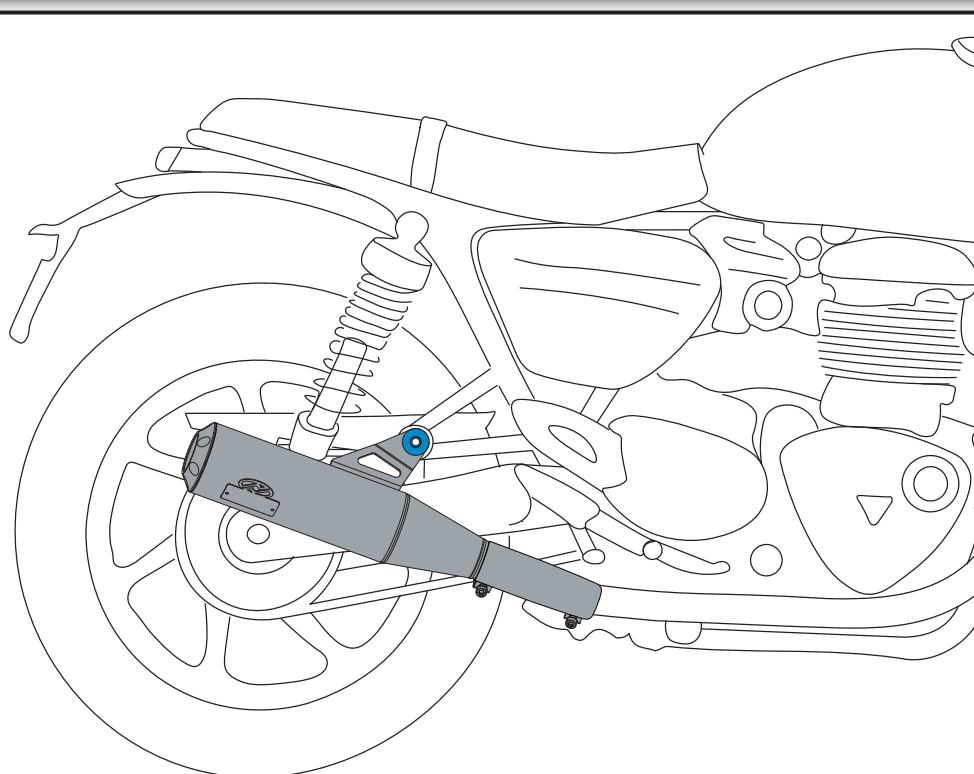
- 2x  OEM
- 2x  OEM
- 2x  OEM



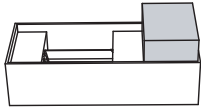
5

Optional  
Heatshields

1x Heatshield manual

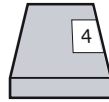


6



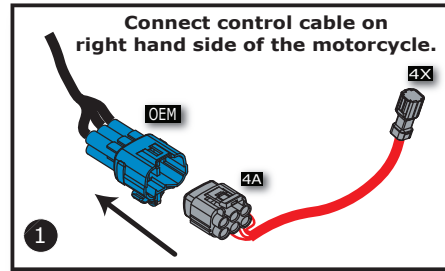
Items required

AND

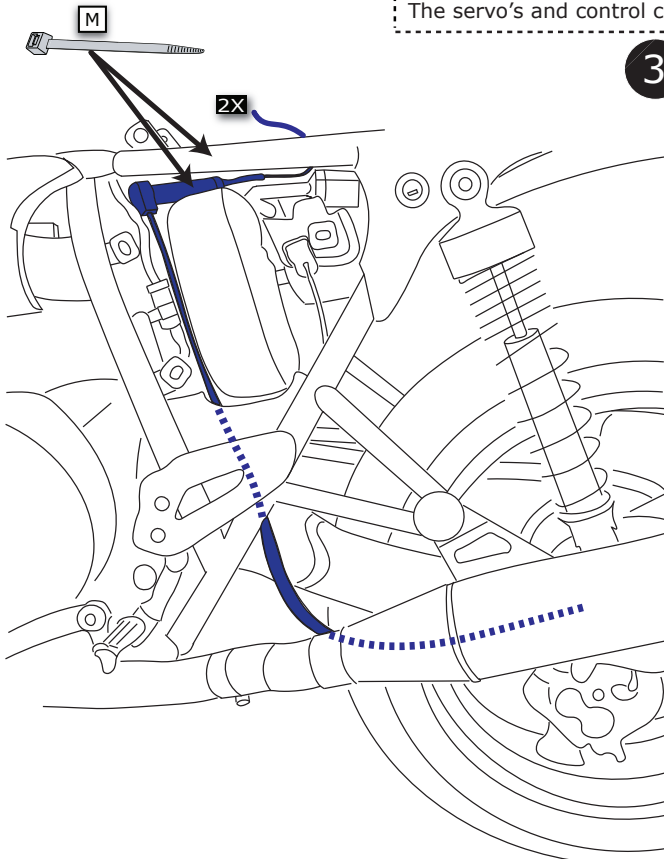


4

2x M

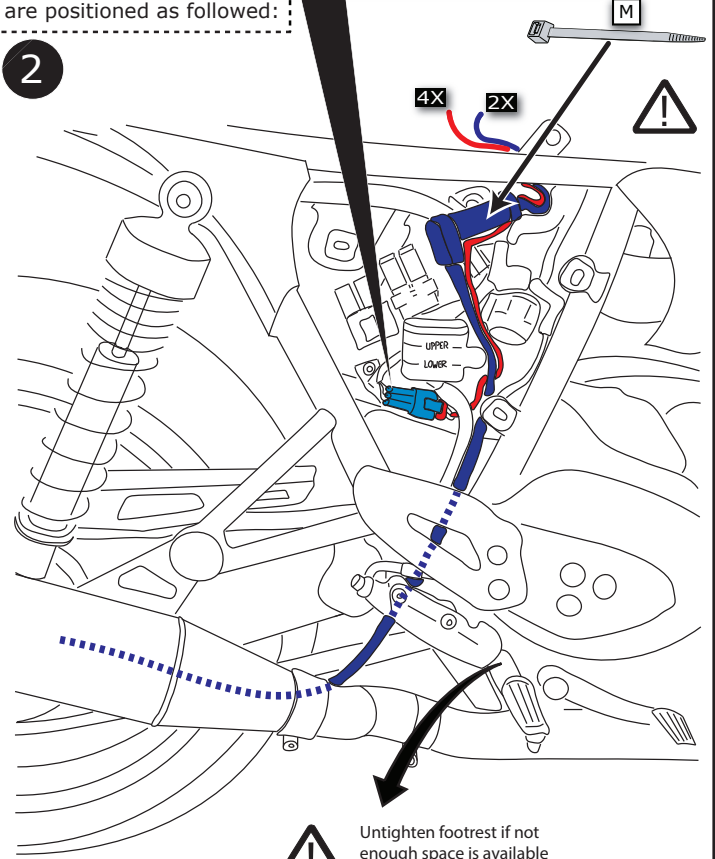


The servo's and control cable are positioned as followed:



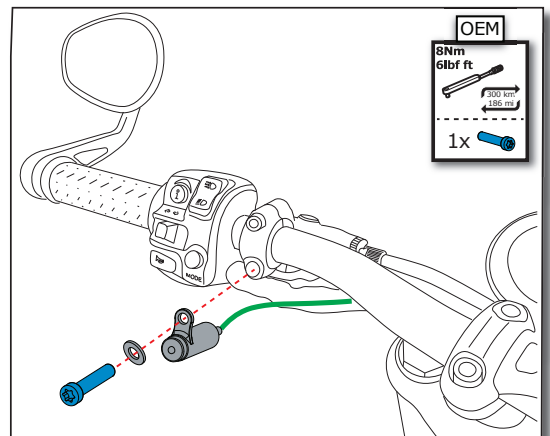
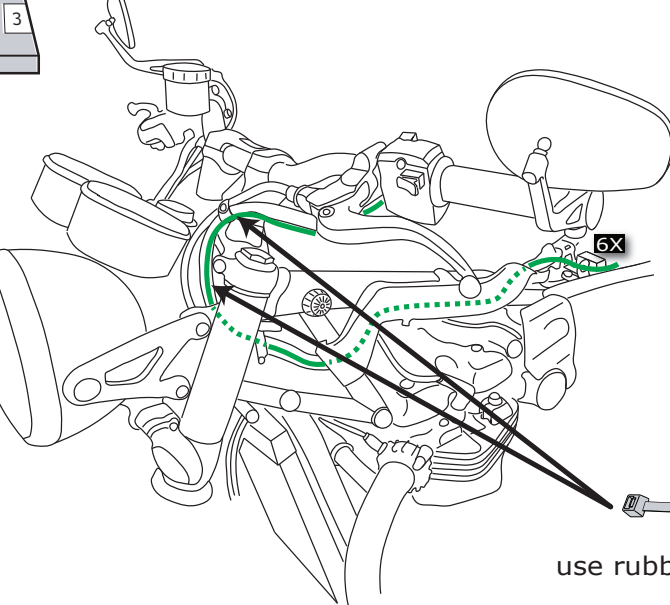
LEFT

In reality all cables are black



RIGHT

7

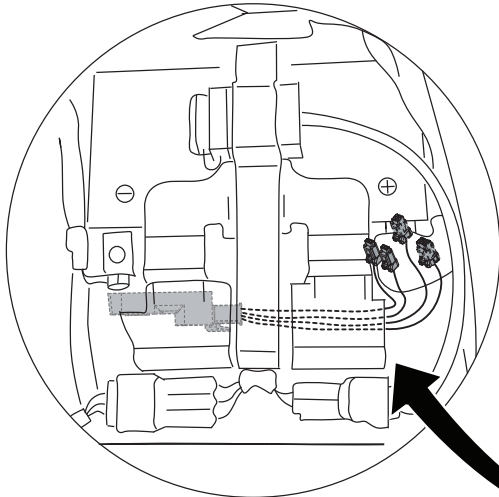


In reality all cables are black

8

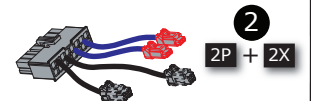
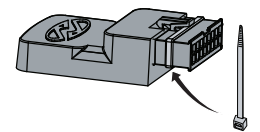
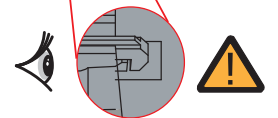
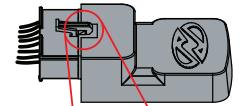
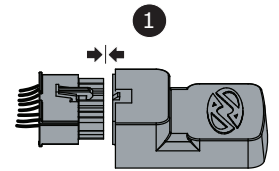
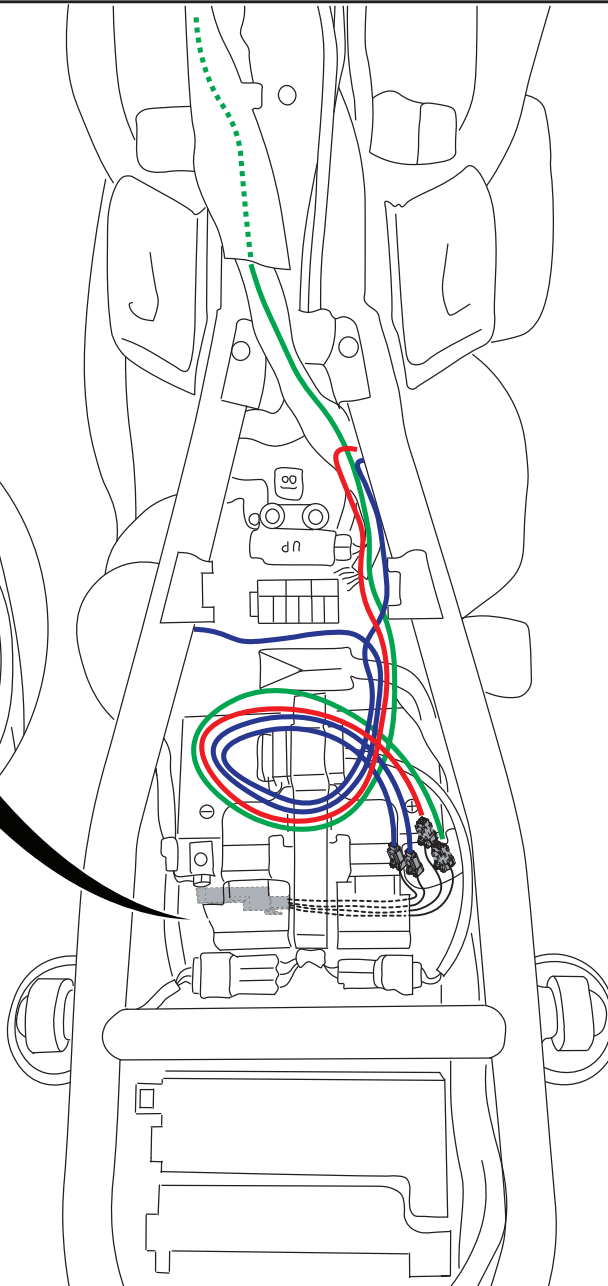
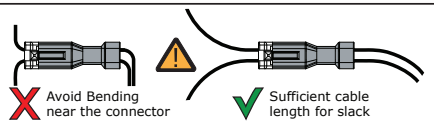


SMARTBOX  
PLACED UNDER  
BATTERY COVER



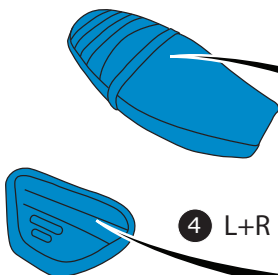
M

Fix cables with cable ties.

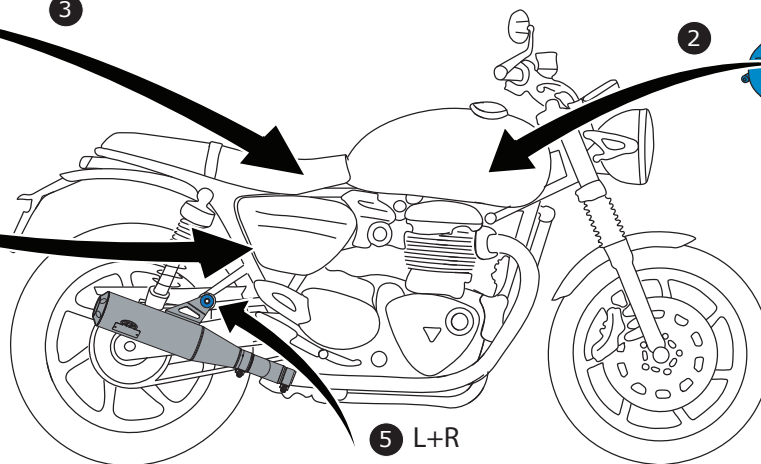


In reality all cables are black

9



4 L+R



5 L+R

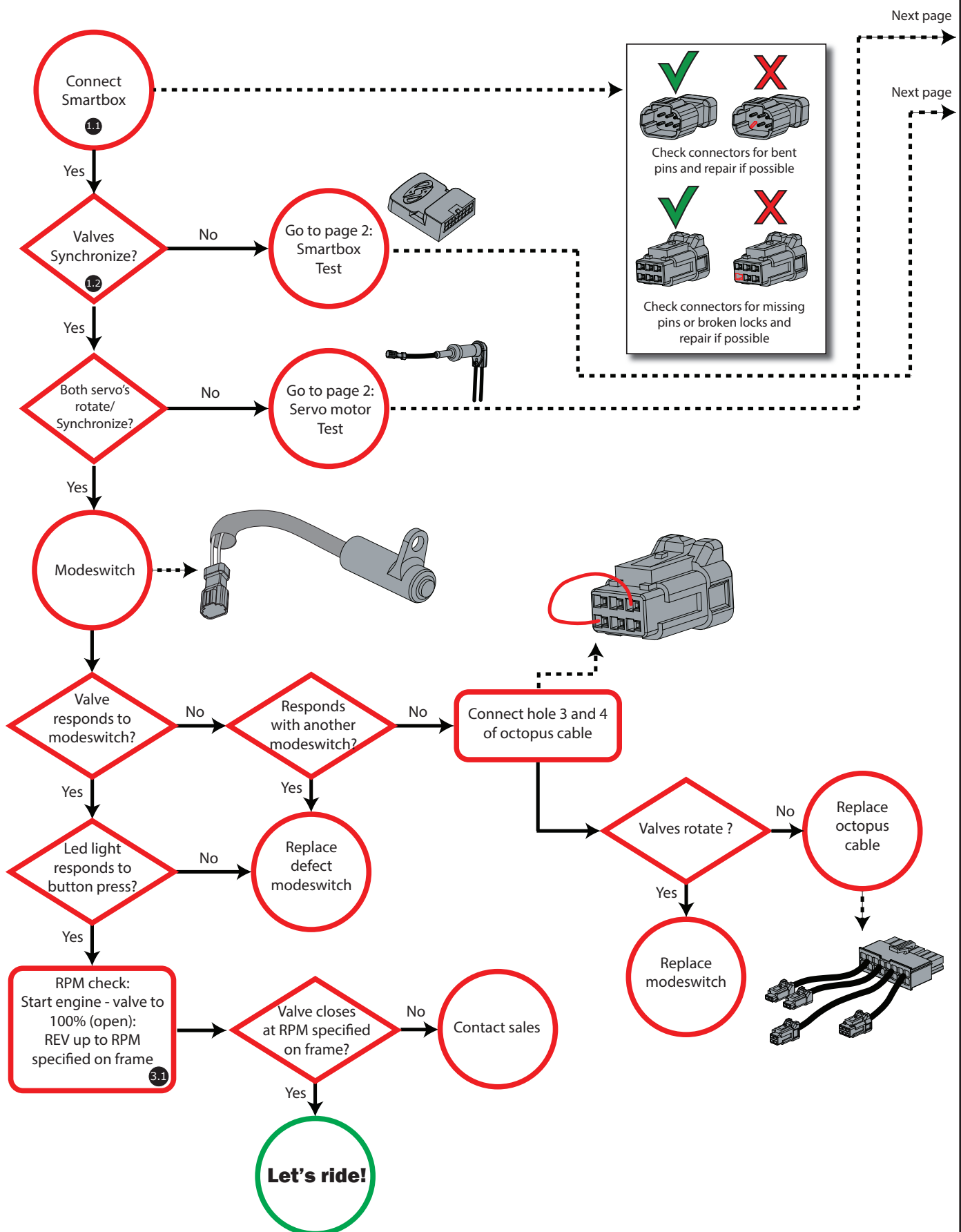
1

**Complete  
System  
Check!**

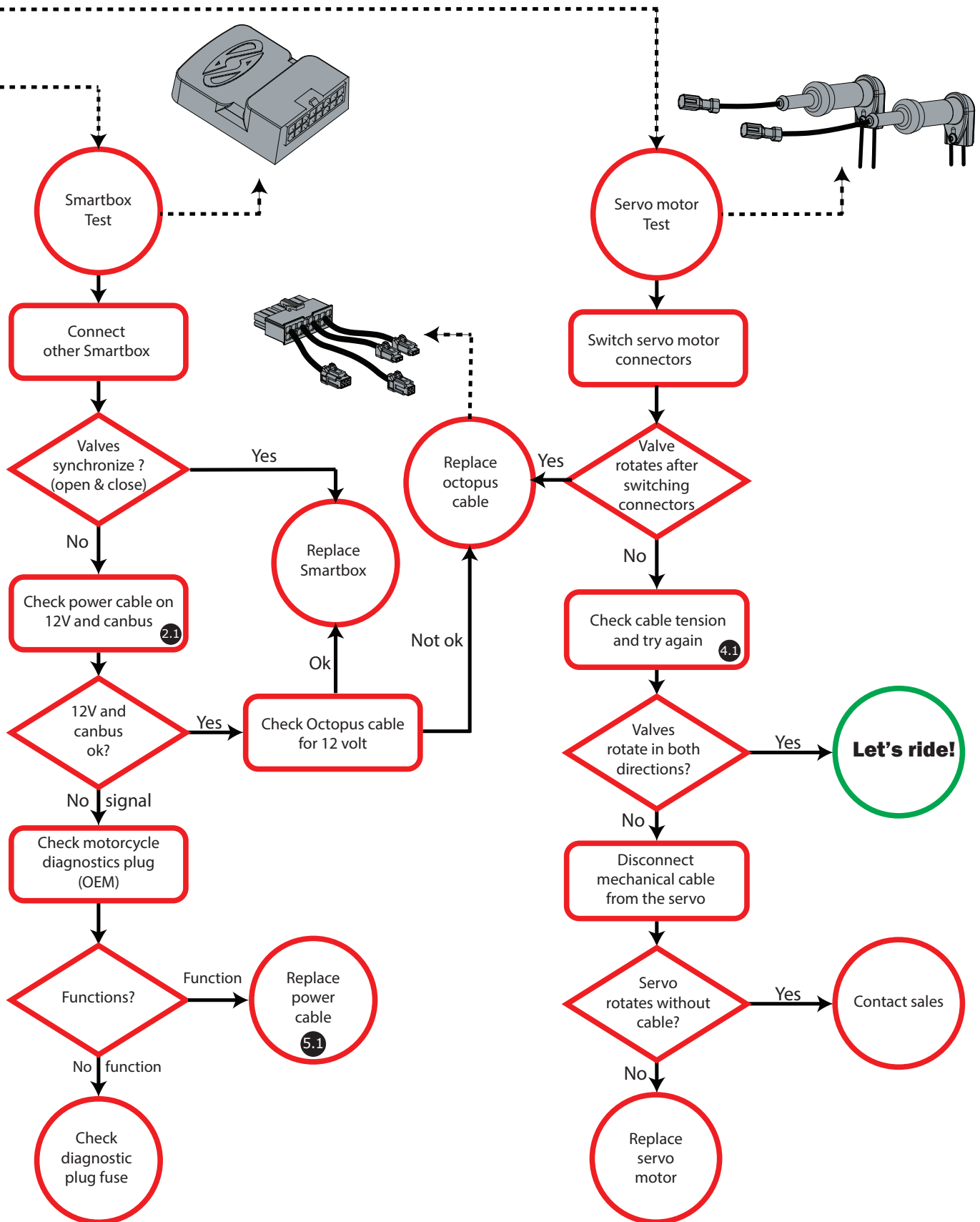
See complete system check  
manual on next page.



# 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:

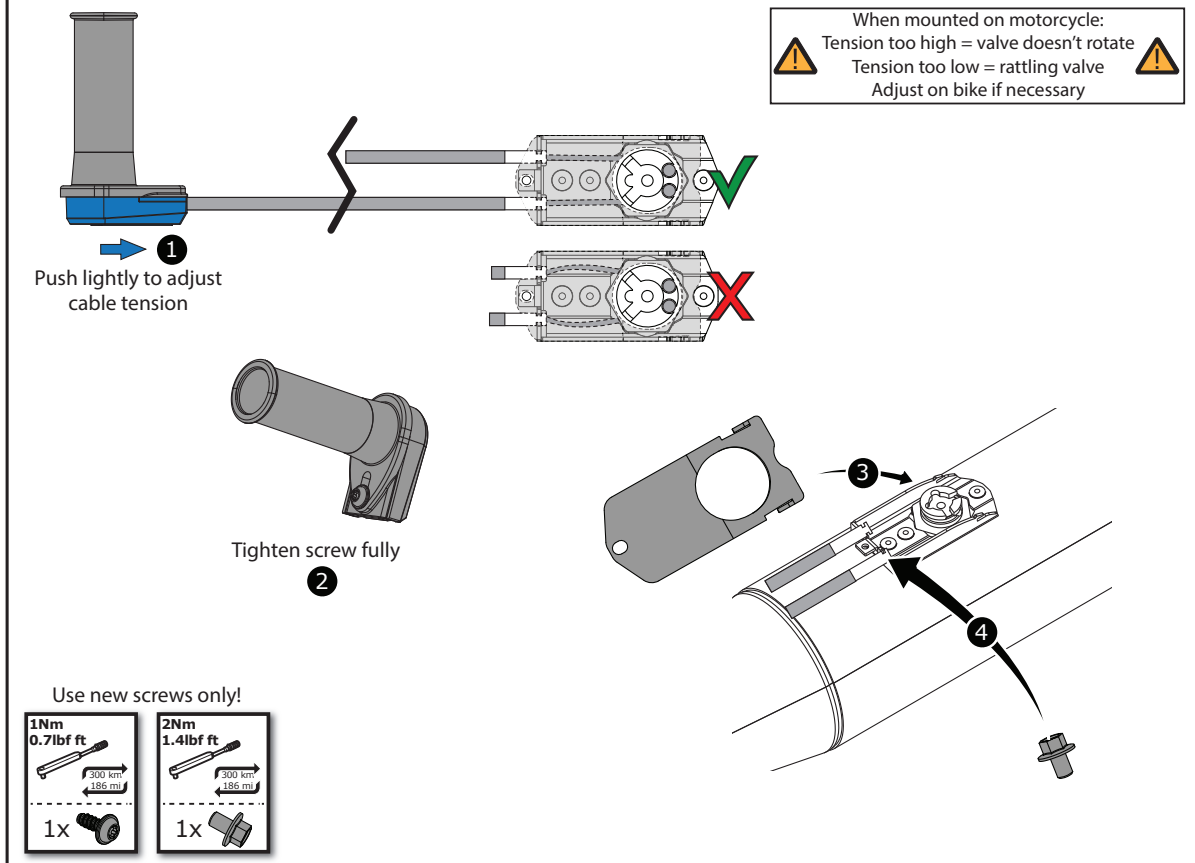
Valve doesn't rotate -> Cable tension too high

Valve makes a rattling Noise -> cable tension too low

Valves  
rotational  
direction uneven?  
Adjust mechanical  
cable



#### Adjust cable tension and tighten screws



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