

COOBER ECU KTM 390 DUKE

2017-2020

COOBER
USA

cooberecu.com



US

Instruction manual



COOBER



COOPER ECU

KTM 390 DUKE

1 Remove rear-
and front seat



2

Use allen key
(hex key) #5
(A) to remove
the ignition coil
cover (B)





COOPER ECU

KTM 390 DUKE

3 Use side cutter to remove the orange zip tie



4

Starting from the rear seat compartment, route the harness on the left side



5

Route the TPS
connector above
the engine to the
other side





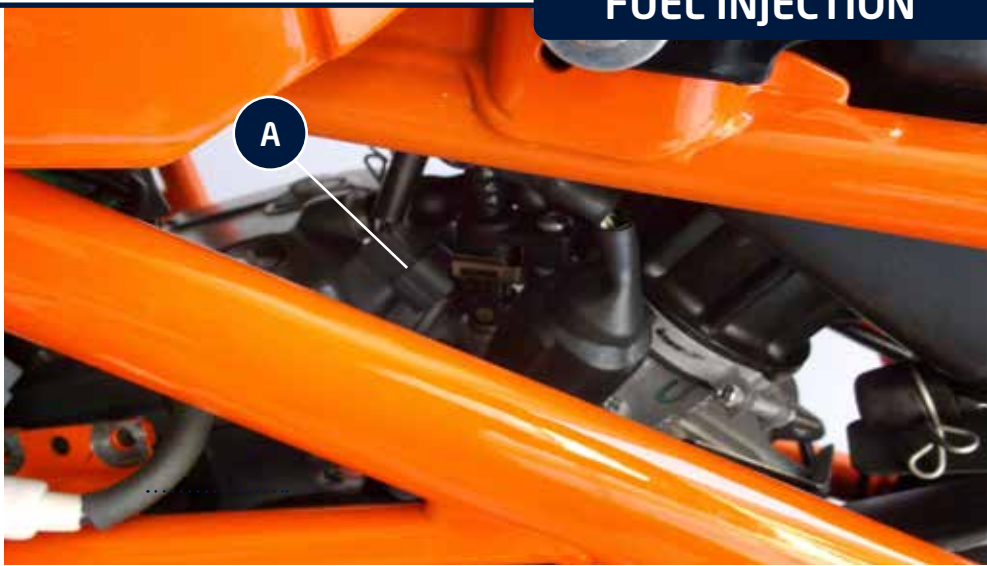
COOBER ECU

KTM 390 DUKE

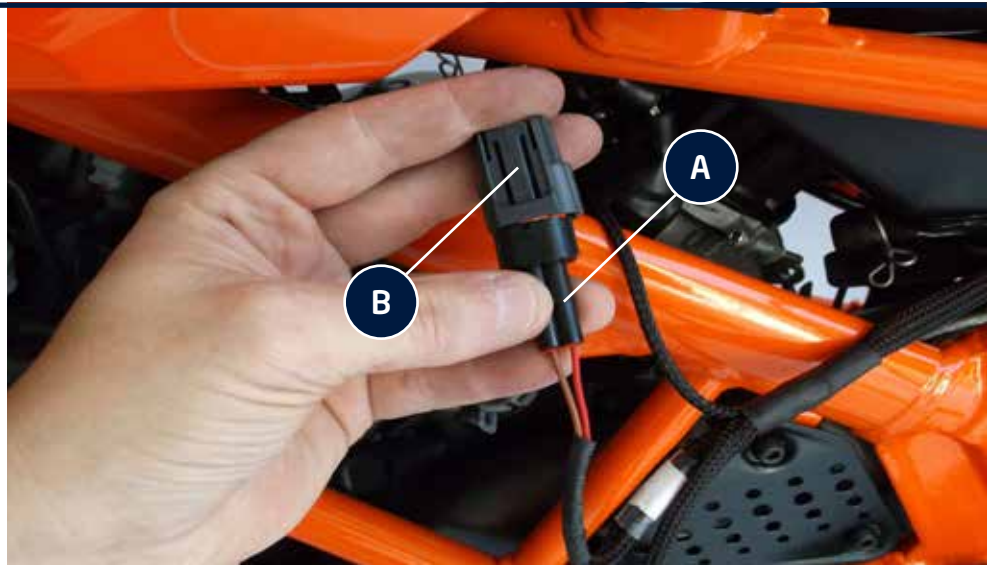


FUEL INJECTION

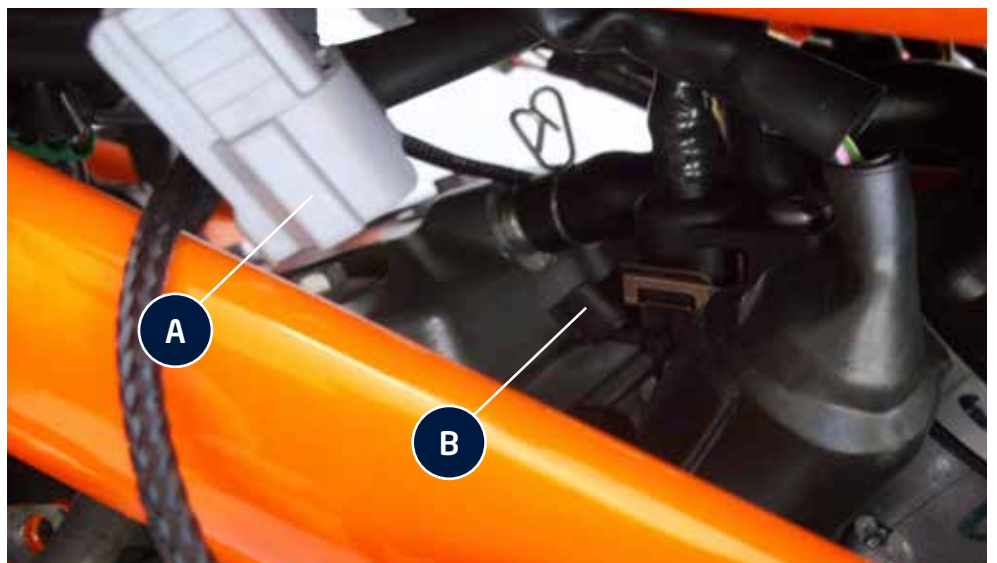
6 Unplug injector
(A)



7 Connect COOBER fuel injector plug (A) to stock plug (B)



8 Connect COOBER fuel injector plug (A) to fuel injector (B)



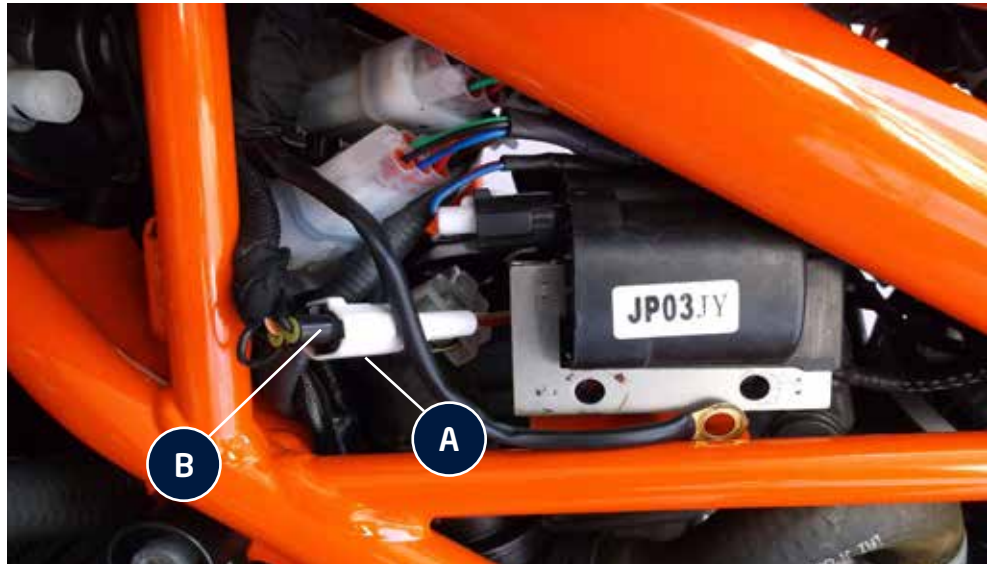
9

Connect COOPER
crank signal
connector to
stock connector

CRANK SIGNAL

IGNITION

10 Connect COOBER ignition (A) to ignition coil (B)

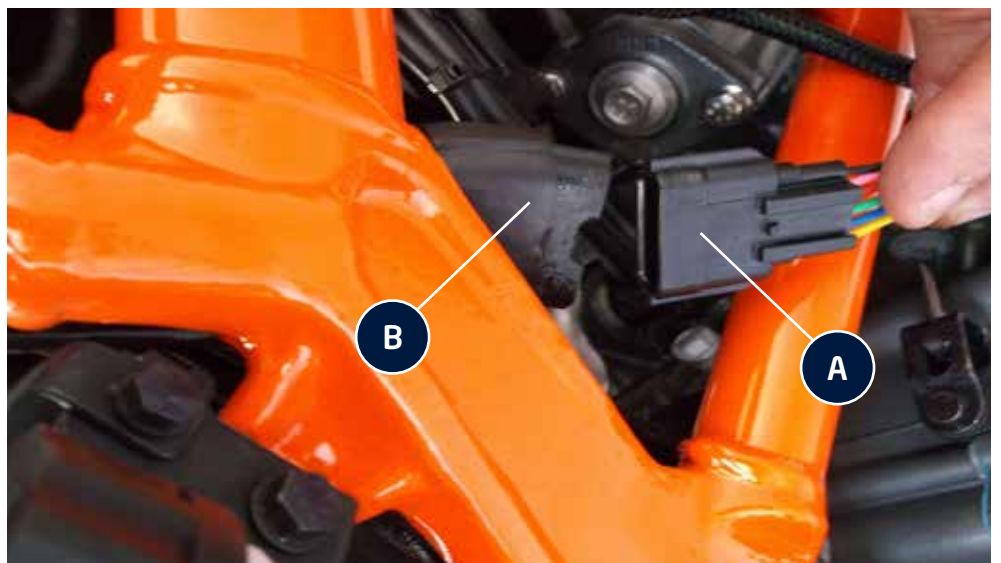
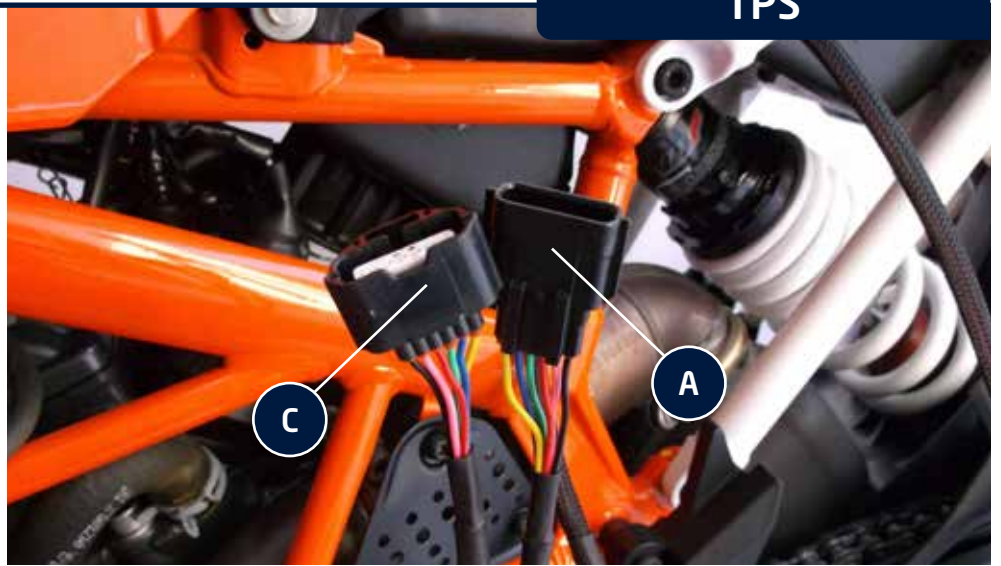


11 Add ignition cover back (A) (take care on ground line)



12

Plug in COOPER connector (A) into stock TPS connector (B), then plug in COOPER connector (C) into TPS device (D)

TPS

FIXING

13 Zip tie COOPER harness (A) to frame (B)



14

Route harness
(A) to back and
zip tie (B) it to
the frame (C)



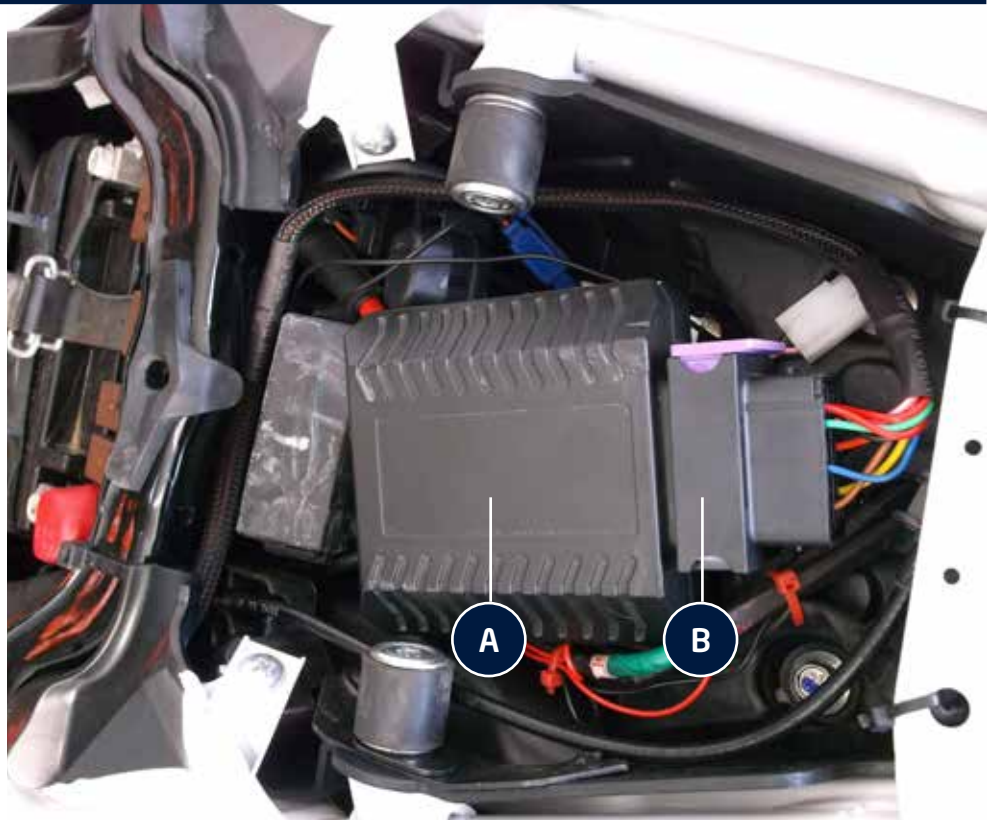
15

Route ground wire (A) under the frame (B) and connect it to the battery ground (-)

GROUND

**16**

Connect COOPER ECU (A) to main connector (B)



Warning! Fix the harness and connectors with zip ties!



COOBER AIR-LID

KTM 390 DUKE

1

Use allen key (hex key) #4 to remove the airbox cover



2

Install COOBER AirLid



1

Use allen key
(hex key) #4 to
remove the
catalytic
converter cover

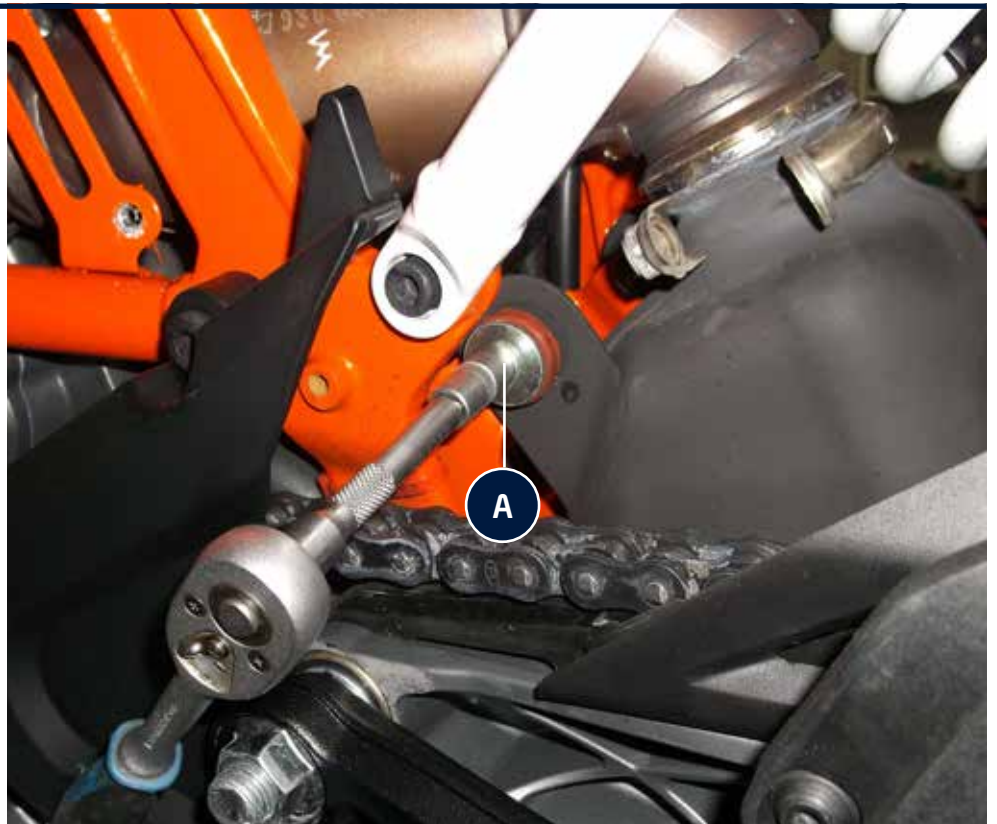
**2**

Use allen key
(hex key) #5
to remove the
clamp bolts



**3**

Use 8mm and 12mm key to remove the mid muffler screws (A) on each side of the mid muffler





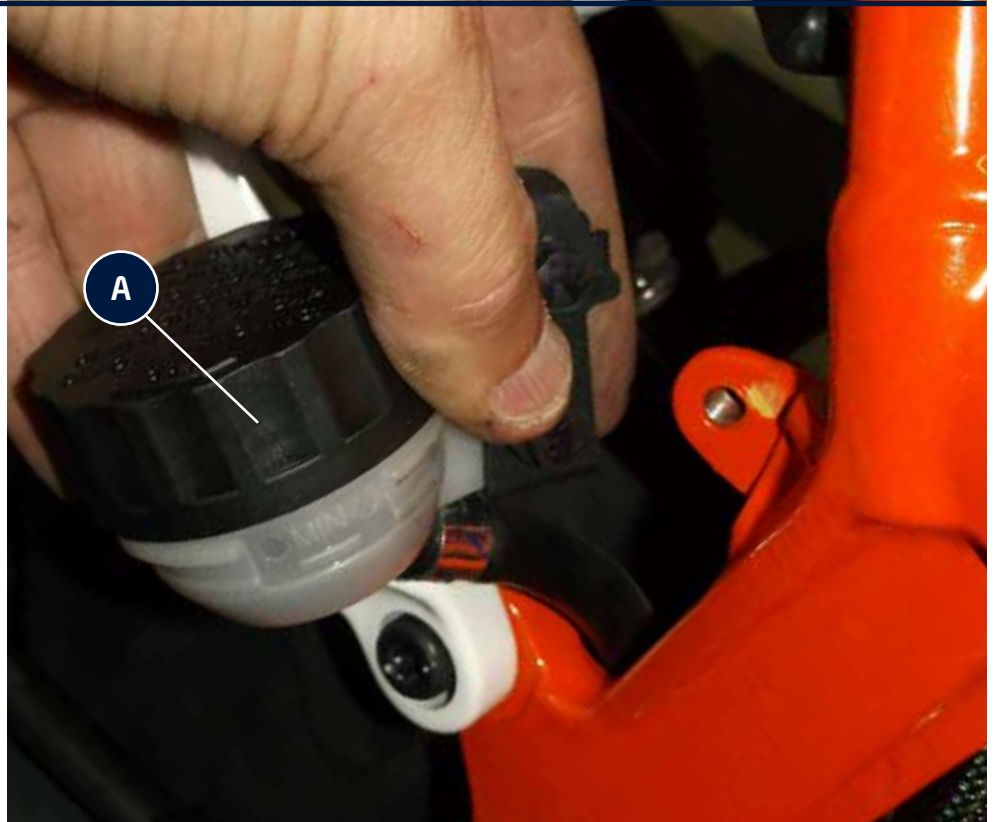
COOPER DE-CAT

KTM 390 DUKE



4

Unscrew the
brake fluid can
(**A**), and take
out the catalytic
converter

**5**

Install COOPER
De-Cat pipe and
add brake fluid
can back into
position





COOBER DE-CAT

KTM 390 DUKE

6

Bolt everything back, mount the clamp and tight it.



COOBER
www.cooberecu.com

COOBER