

Fitment of Larger Capacity Clutch Cover

Fitting instructions

IMPORTANT SAFETY MESSAGE: Always ensure you have the mechanical capabilities to carry out work on brake systems these are safety critical parts. All engine and exhaust parts should be at a temperature below 40 degrees before any work starts. Make sure there are no ignition sources nearby when work is being carried out.

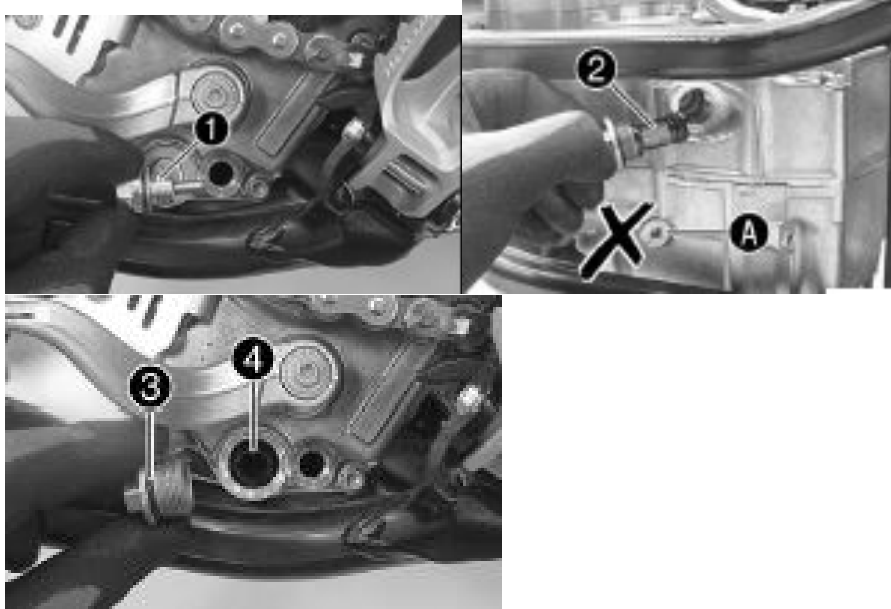
The risk of injury increases during installation, if the exhaust is hot.

*If you are not confident that you can complete the job to the highest safety standard, **we strongly recommend** you get a licenced motorcycle mechanic to complete the installation.*

Engine should be clean when this work is performed

1. Remove

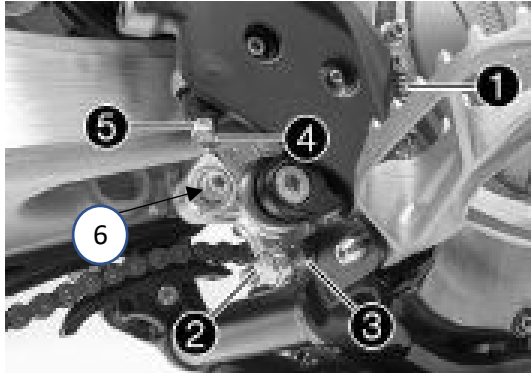
- Drain engine oil there are 3 drain plugs (13mm socket required)



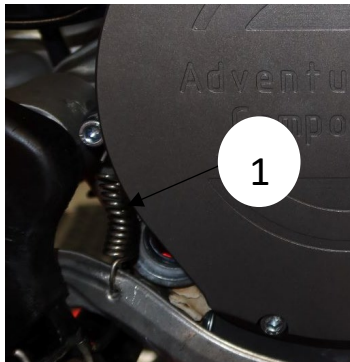
- **Remove the skid plate**

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- Remove the pushrod bolt from the brake pedal #6
(8mm socket or 30torx bit required)



- Remove the brake pedal spring # 1 (Pointy nose pliers)

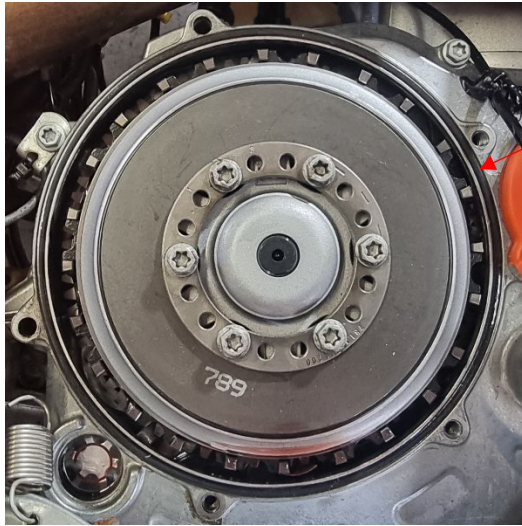


- Remove 5 bolts holding original clutch cover on (8mm socket or 30 torx bit)



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- Remove cover sealing o’ring should remain in groove on engine side case



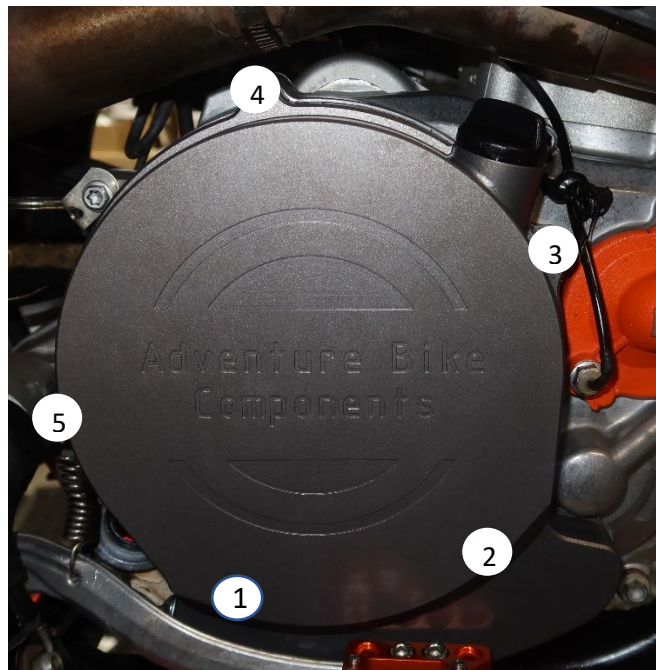
2. Installation of new Clutch Cover

- Ensure o’ring surface is clean
- Wipe clean rear face of the backing plate for the clutch cover and make sure there is no debris in the cover that will contaminate oil. Remove transport bolt.



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- Check that all holes in new covers gasket are lined up correctly with hole in cover and backing plate
- Install the cover using allen head bolts supplied
 - 1 x M6 x 35mm #3
 - 2 x M6 x 45mm #1, #2
 - 2 x M6 x 65mm #4, #5



- Start all bolts into threads wind bolts down until contacting face of the cover
- Starting from the bottom bolt tighten the bolts in 2 stages. 1 through 5. As per picture above

Using a 5mm Allen key socket

Stage 1 tighten to 5 Nm (3.7 lbf ft)

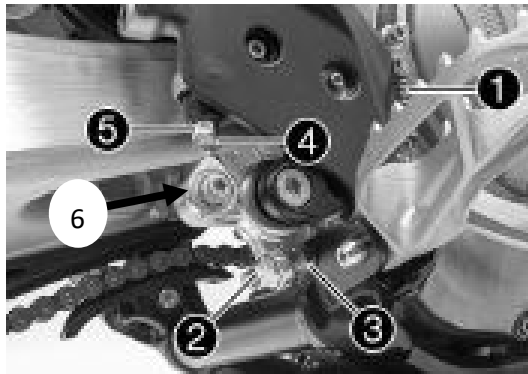
Stage 2 tighten to 10Nm (7.4 lbf ft)

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- Refit the brake spring



- Refit pushrod bolt #6 for brake pedal (8mm socket required) Use loctite 234. Tighten to 10Nm (7.4 lbf ft)



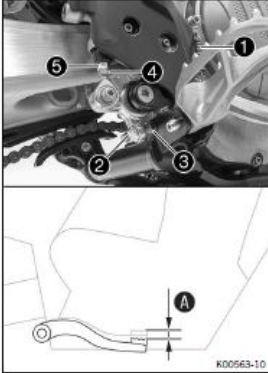
- Ensure clearance between cover and brake pedal. Brake pedal should not touch the clutch cover.



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- You can lower or raise the pedal as required via the method below

Warning
Danger of accidents The brake system fails in the event of overheating.
 If there is no free travel on the foot brake lever, pressure builds up in the brake system on the rear brake.
 – Set the free travel on the foot brake lever in accordance with the specification.



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– Detach spring **1**.

– Loosen nut **4** and, with push rod **5**, turn it back until you have maximum free travel.

– To adjust the basic position of the foot brake lever to individual requirements, loosen nut **2** and turn screw **3** accordingly.

Info
The range of adjustment is limited.

– Turn push rod **5** accordingly until you have free travel **4**. If necessary, adjust the basic position of the foot brake lever.

Guideline

| | |
|---------------------------------|------------------------------|
| Free travel at foot brake lever | 3 ... 5 mm (0.12 ... 0.2 in) |
|---------------------------------|------------------------------|

– Hold screw **3** and tighten nut **2**.

Guideline

| | | |
|----------------------------|----|---------------------|
| Nut, foot brake lever stop | M8 | 20 Nm (14.8 lbf ft) |
|----------------------------|----|---------------------|

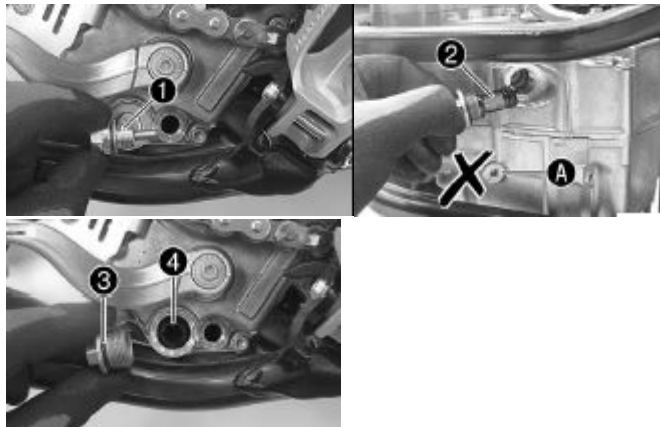
– Hold push rod **5** and tighten nut **4**.

Guideline

| | | |
|-------------------------|----|--------------------|
| Remaining nuts, chassis | M6 | 10 Nm (7.4 lbf ft) |
|-------------------------|----|--------------------|

– Attach spring **1**.

- Refit the oil drain plugs. Make sure they are all fitted and check that all three are tensioned correctly. If any come loose it could be costly.
 #1 tighten to 20NM (14.8lbf ft)
 #2 tighten to 15NM (11.1lbf ft)
 #3 tighten to 15NM (11.1lbf ft)



- Refit skid plate
- Fill the engine oil as per the manufacturers instructions.

If you are not confident that the job has been completed to the highest standard, **we strongly recommend** you get a licenced motorcycle mechanic to inspect your work prior to your ride.