



www.shercousa.com

www.sherco-moto.com

Clutch Disc Replacement Manual

This Manual provides instructions on how to remove, inspect and reinstall the clutch discs on the Sherco 1.25 – 2.9 models.

The motorcycle shown in the pictures is a nearly new 2004, 2.9, the same principles apply for the 1999 – 2004, 1.25 through 2.5 models

If you have any questions about the procedure, please call Ryan Young Products at 1-800-607-8742.



www.shercousa.com

www.sherco-moto.com

This manual is divide into 4 sections.

- **Preparation**
- **Disassembly**
- **Cleaning and Inspection**
- **Reassembly**



Preparation

- Wash the bike
- Drain the transmission fluid
- Place the bike on a suitable stand
- Remove the rear brake pedal assembly

Preparation



➔ Lean the bike over in order to drain the transmission fluid, this method works well for the author.



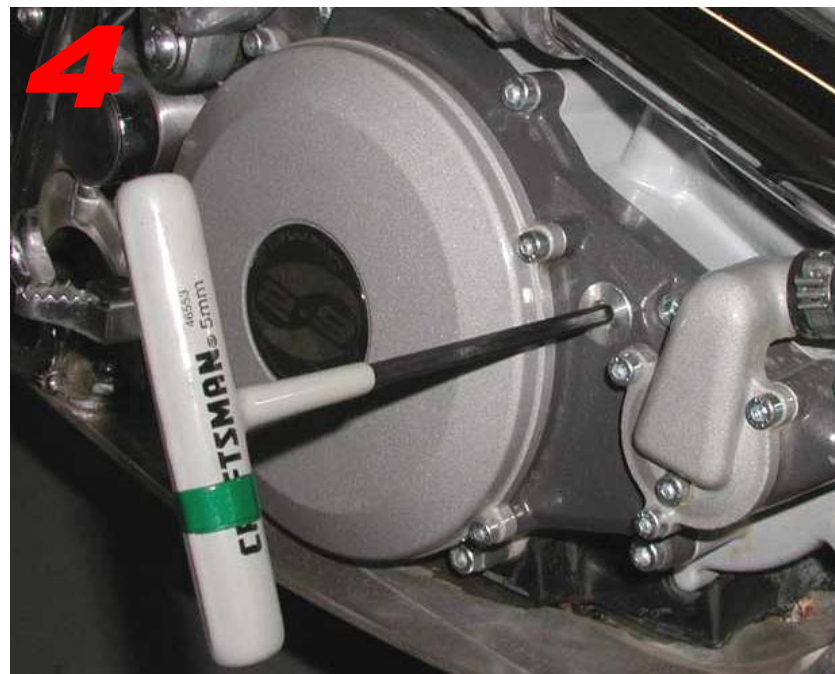
➔ Locate the transmission oil drain screw on the left side of the engine, behind the gear shift lever.



Preparation



➔ Using a 5mm Allen wrench remove the oil drain screw. Drain the oil into a suitable container. Dispose of the used oil according to local regulations.



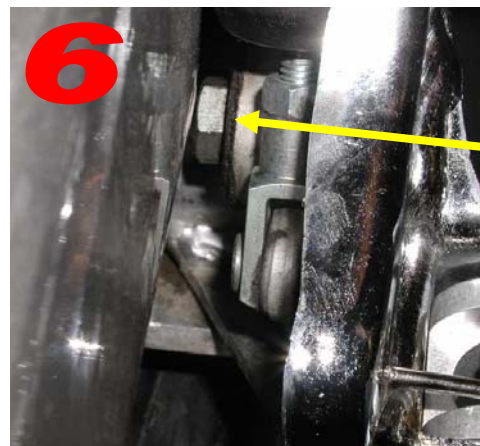
➔ Using a 5mm Allen wrench remove the transmission oil filler plug from the RH engine case.

www.shercousa.com

www.sherco-moto.com



→ Place the bike on a suitable stand.



→ Locate the rear brake pedal mounting bolt.



→ Using a 13mm box end wrench, remove the mounting bolt and the rear brake pedal.



Disassembly

- Remove the clutch cover
- Remove the clutch springs
- Remove the clutch spring holder
- Remove the thrust washer and the thrust bearing
- Remove the discs

Disassembly



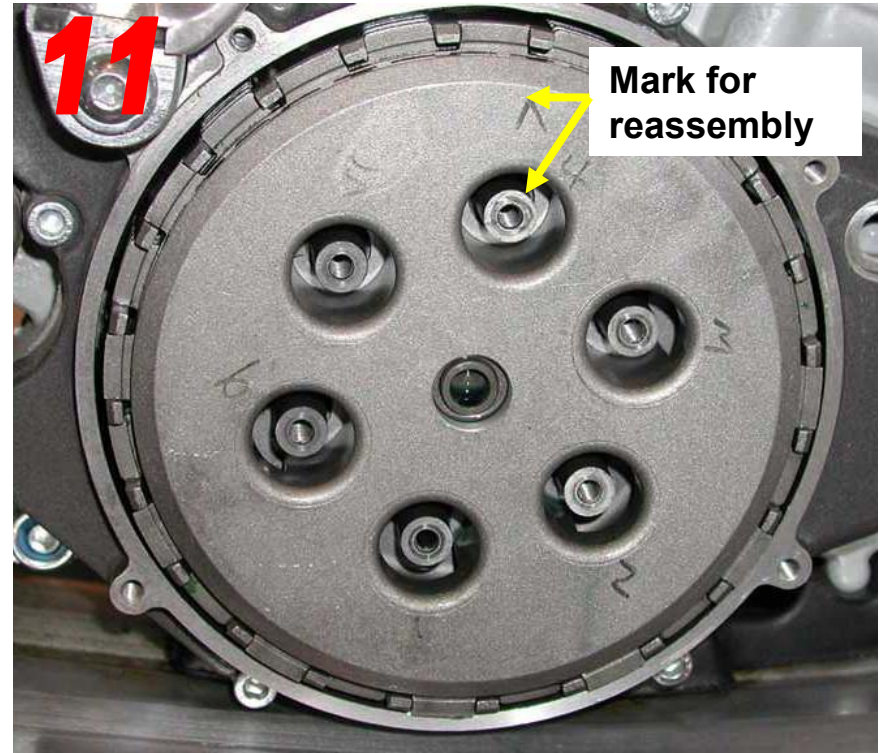
- ➔ Using a 4mm Allen wrench remove the 4 clutch cover bolts.
- ➔ Remove the clutch cover.



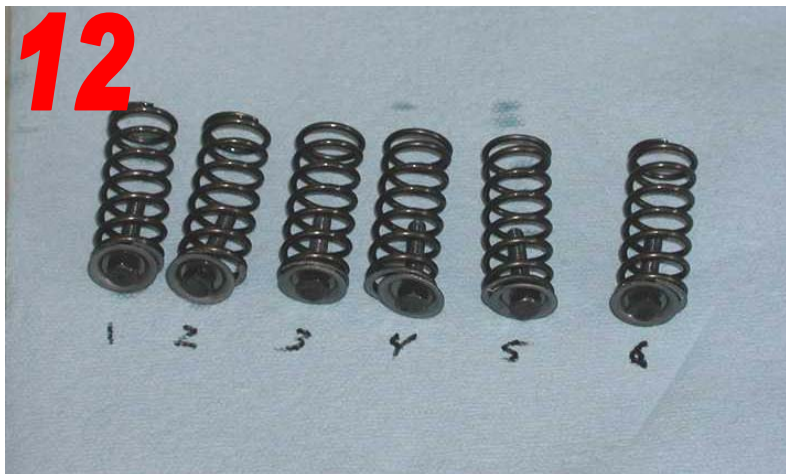
- ➔ Using an 8mm socket carefully remove the 6 bolts that retain the clutch springs. Loosen the first bolt a few turns and then go to the next bolt. The bolts should be removed in sequence.



➔ This photo shows how the bolts should be evenly removed.



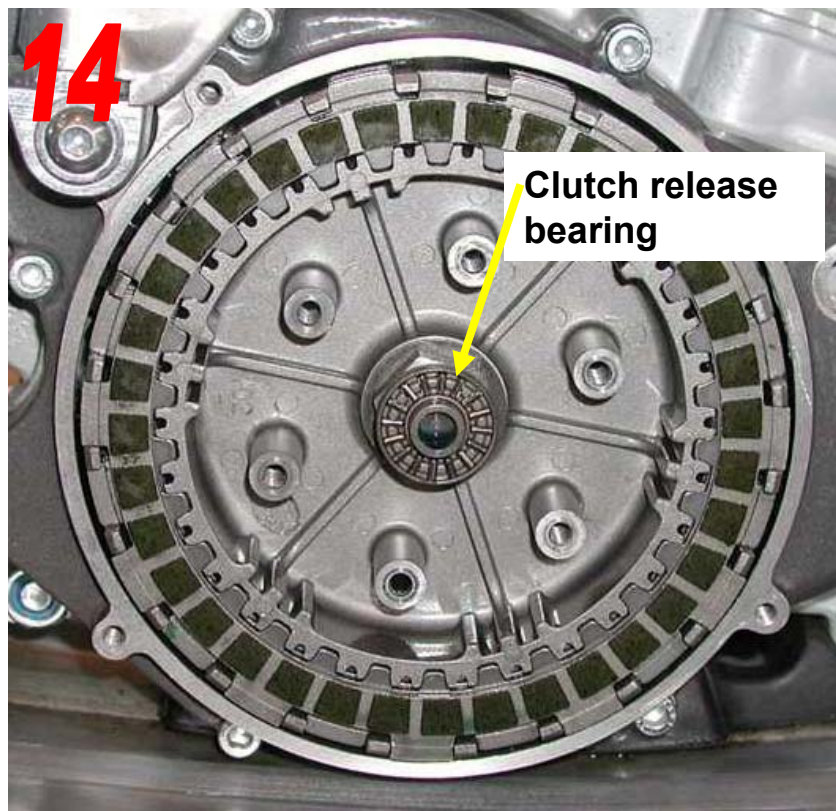
➔ In order to make sure that all of the parts are reassembled in the same location as they were removed from, use a felt tipped pen and number the clutch spring holder as shown.

**12**

➔ This photo shows the clutch springs on a paper towel with their location marked on the towel.

13

➔ Clutch spring holder. Note the thrust washer location. The thrust washer stuck to the spring holder as it was removed.



➔ Photo of the clutch assembly with the spring holder removed. Note the location of the clutch release bearing.



➔ Photo of the clutch spring holder, thrust washer and clutch release bearing assembly.

**16**

➔ Using two small hooks and a magnet remove the 5 metal and 6 friction clutch discs.

17

➔ Photo of the clutch hub and basket with the discs removed. Note the location of the clutch release rod.



www.shercousa.com

www.sherco-moto.com

Cleaning and Inspection

- Using a high quality cleaning agent, clean the metal and friction discs.
- Carefully examine the discs to make sure they are fit for reuse.
- If any of the friction material has been worn off of the friction discs, the clutch discs should be replaced.
- Inspect the O-rings on the clutch cover and the transmission oil filler and replace if damaged.
- Inspect the sealing washer on the transmission drain bolt and replace if damaged.

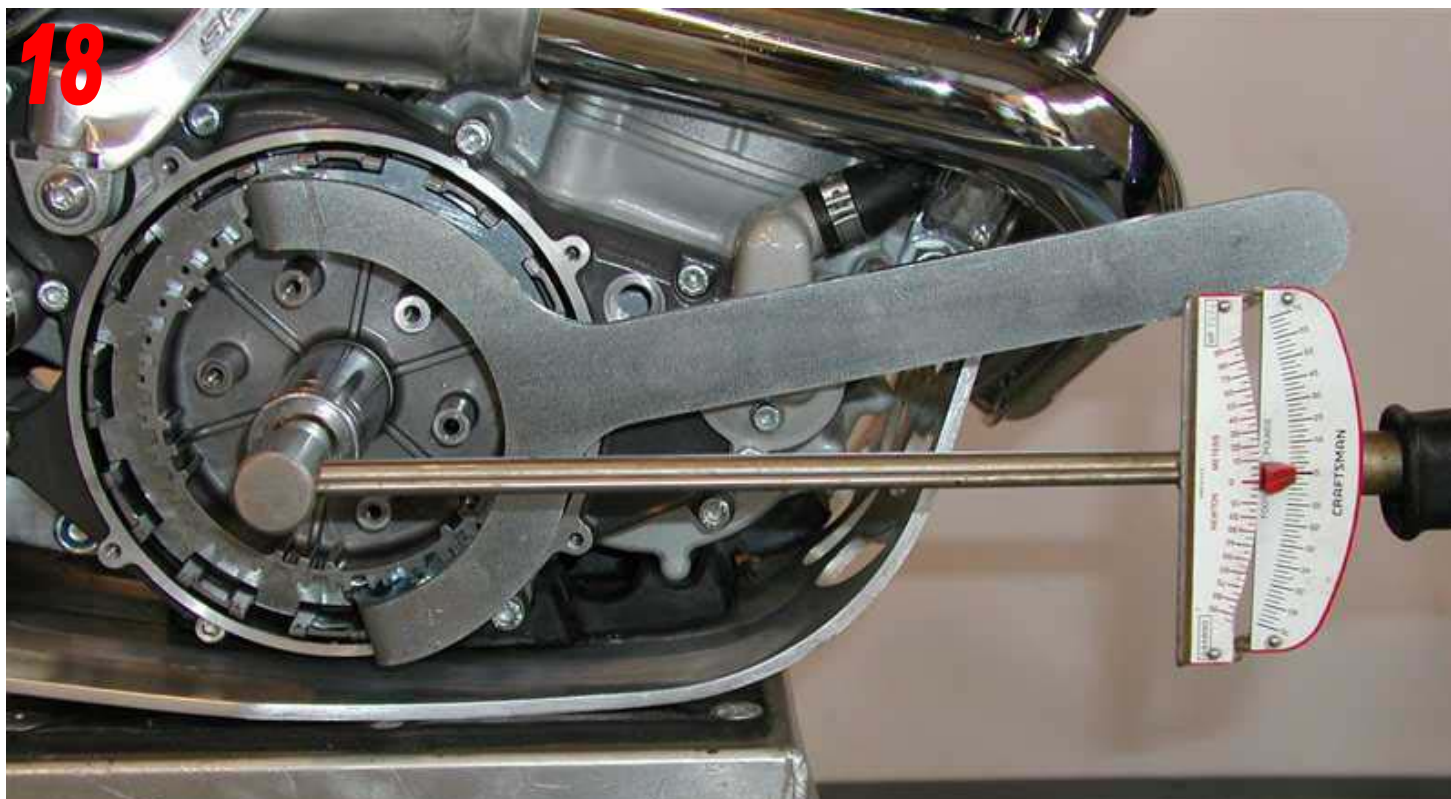
If you have any questions about the condition of the discs contact your local Sherco Dealer or call Ryan Young Products 1-800-607-8742.

**18**

➔ Inspect the clutch cover O-ring, replace if damaged.

19

➔ Inspect the transmission filler O-ring and the transmission drain sealing washer, replace if damaged



➔ Using a 24mm socket, a good quality torque wrench and the RYP [Clutch Holder Tool](#) tighten the clutch hub retaining nut to 45 ft lbs (60 Nm).



Reassembly

- Check the torque on the clutch hub nut, it should be 45 ft lbs (60Nm). Use the special tool that is available from Ryan Young Products [Clutch Holder Tool](#)
- Soak the Friction Clutch Discs in the appropriate transmission fluid for 15 minutes prior to assembly. The recommended transmission oil is: [Maxima MTL 2-cycle Transmission Fluid, 75 wt.](#)
- Install the clutch discs, starting and ending with a friction disc with a steel disc between each friction disc.
- Install the clutch release bearing and the thrust washer.
- Install the clutch spring holder.
- Install the 6 clutch springs, tighten the retaining bolts evenly just as they were removed. Tighten to 5 ft lbs (7 Nm)
- Check the operation of the clutch, make sure that the clutch releases evenly.
- Install the clutch cover. (Apply anti seize to the bolts)
- Install the rear brake pedal. (lubricate the pivot bearing)
- Fill the transmission with 450cc of Maxima MTL transmission oil.