



Beta
motorcycles

Service Tech Tip

2012 Evo 300 Clutch Adjustment

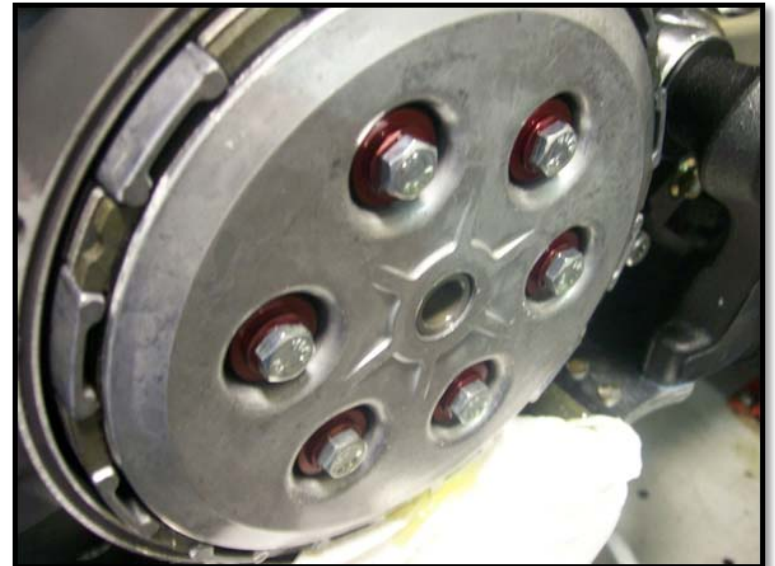
The clutch on 2012 Evo 300 models can be adjusted a total of six different ways depending on your riding preference.

This model has “Top-Hat” spring washers along with two friction plates that are thicker than the others. The clutch action will change by the direction these top-hat washers are placed and by the different use of the friction plates.

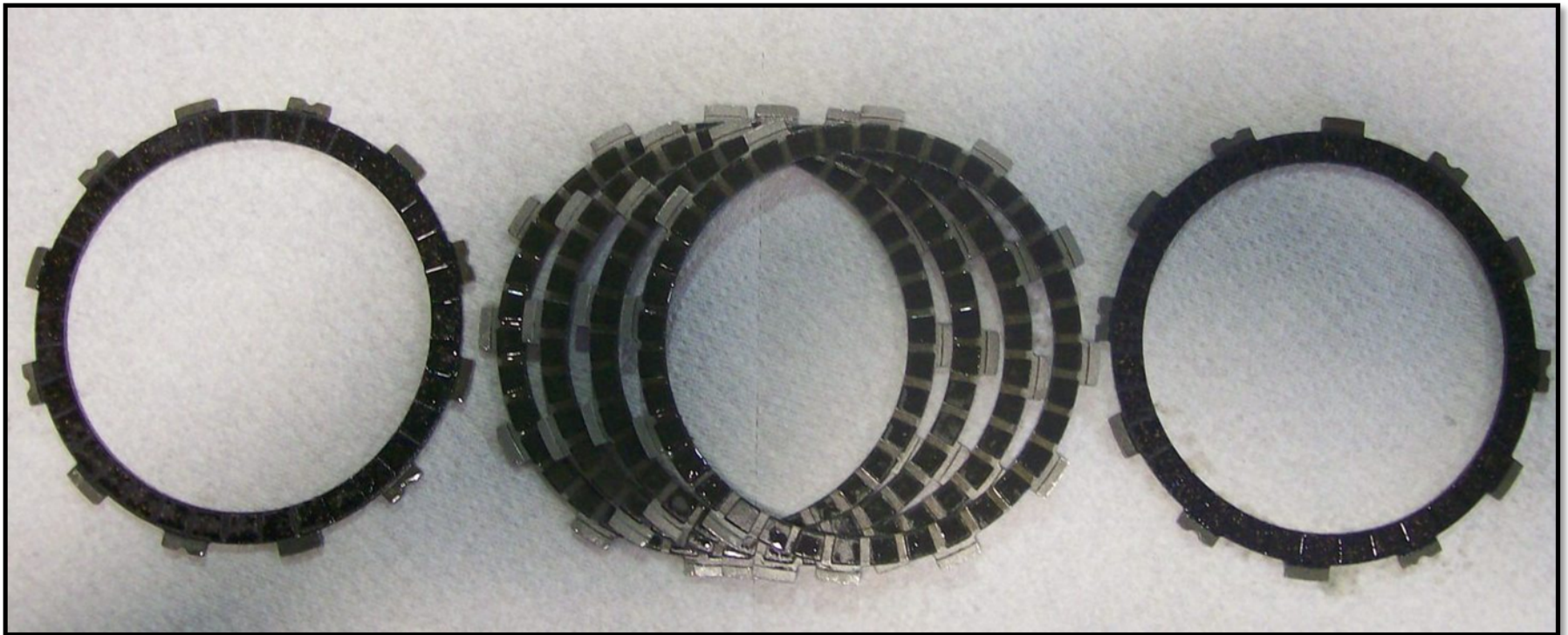
Turn the fuel petcock off and lay the bike against a stand. This will keep the oil in the transmission while you remove the outer clutch cover.



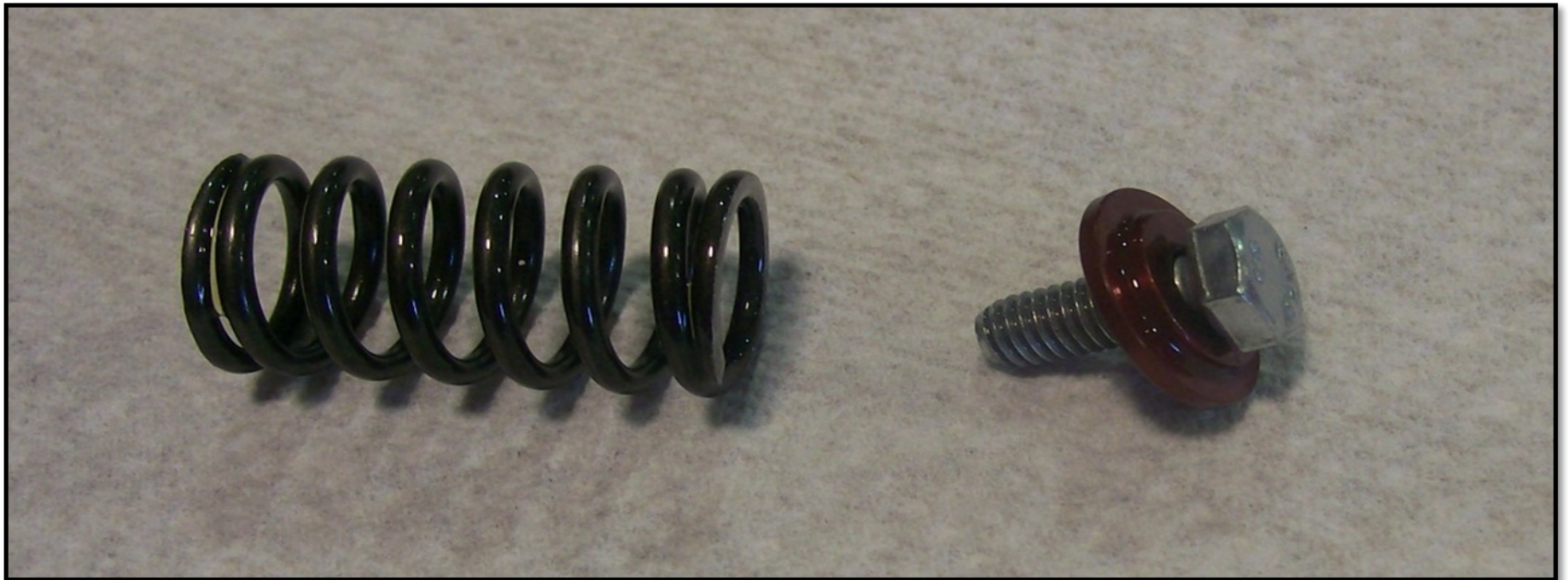
Remove the six clutch spring bolts along with the springs.



Remove the friction and steel plates. There are a total of six friction plates and five steel (not shown) You will notice the outer and inner friction plates are a slightly different color than the rest as well as a small amount thicker.



You will also notice the top-hat washer is installed with the small end facing away from the engine. This (along with the friction plates installed as shown in the prior page) is the factory setting which is the hardest clutch setting. We will call this setting 1.



This is the same spring bolt with the top hat washer turned around. The small side is now pointing towards the engine.



Here are all of the settings available. It only takes a few minutes to make these changes.

You will notice a change with each setting.

Setting 1 will be the most abrupt feeling with setting 5 being the softest. You may experience some clutch slipping in 4th-6th gear with settings 3-6. This is OK however clutch wear will be higher with these softer settings.

Setting 1:

Factory Setting, small end of top-hat washers facing away from engine, two thicker clutch plates installed in the inner and outer of the clutch.

Setting 2:

Small end of top-hat washers facing away from engine, one thicker clutch plate installed in the inner of the clutch and one thinner friction plate (Part Number 13-43310-000) installed replacing the removed (thicker) plate.

Setting 3:

Small end of top-hat washers facing towards the engine, one thicker clutch plate installed in the inner of the clutch and one thinner friction plate (Part Number 13-43310-000) installed replacing the removed (thicker) plate.

Setting 4:

Small end of top-hat washers facing away from engine, two thinner clutch plates (Part Number 13-43310-000) installed replacing the two removed (thicker) plates.

Setting 5:

Small end of top-hat washers facing towards the engine, two thinner clutch plates (Part Number 13-43310-000) installed replacing the two removed (thicker) plates.