



Post Office Box 6370  
Whittier, California 90609  
(562) 698-7809  
FAX (562) 698-6922  
www.energyoneclutches.com

Part # BTX-5  
**SMOKE THE  
COMPETITION!®**

## 1941 - 1984 BIG TWIN EXTRA PLATE KIT



**BTX-5 KIT CONSISTS OF 6 FRICTIONS, 5 STEEL PLATES & 10 COIL-TYPE CLUTCH SPRINGS**

Plates should be pre-soaked in the same fluid you will be using in the bike for about 10-15 minutes. The type of fluids we recommend are any HD petroleum based, non-synthetic, primary oil, as light weight as possible, or even a good petroleum based motor oil such as 10/40 or 20/50 in weight. You can even use ATF Type F or B&M Trickshift. **THE USE OF SYNTHETICS IS NOT RECOMMENDED AS THEY TEND TO CAUSE SLIPPAGE.**

Start with a friction plate and end with a friction plate. **If you are running this kit as an open primary and dry, we still recommend pre-soaking the friction plates for 5 or 10 minutes to help them seat in.** This will prevent your dry clutch from prematurely glazing which will make it easy for you to find neutral and will not have that real erratic clutch engagement. Make sure all friction plates slide on the 10 inner pins freely and that there is no deep gouges on the inner pins to keep the plates from separating. Some imported baskets have a different diameter of pins so you might have to take a file and open them up. As for the steel plates, make sure they slide freely also. As for the pressure plate, use a straight edge to make sure surface is parallel. If it is not parallel, replace the pressure plate. As for your 10 coil springs, make sure they are within OEM specs and all are the same height. If you need to replace your coil springs, we do have those in stock (BTCS-50 - 50 lbs. @ 1-1/8" or BTCS-65 - 65 lbs. @ 1-18"). If you use heavy duty springs and the lever pressure is harsh, you can always stager 5 heavy duty and 5 stock springs (every other one). This will give you good engagement without the severe lever pressure. Setting your pressure plate to OEM specs is only a guideline. For this application, you may have to increase or decrease adjustment on your 3 or 5 stud hub.

These are just some helpful hints. For further technical assistance ***refer to your owner's manual*** or, feel free to give us a call (562) 698-7809.

***For a free catalog, please complete the attached post-card and return to us or fax request to 562-698-6922.***

***www.energyoneclutches.com***