



Pressure Plate Kits



Variable Spring Clutch Combo includes spring with an initial pressure of 285 lbs, and progressively reduces pressure to 215 lbs as the lever is pulled. This is a 30% lever pull reduction over the stock components for 1998-05 Big Twin models.

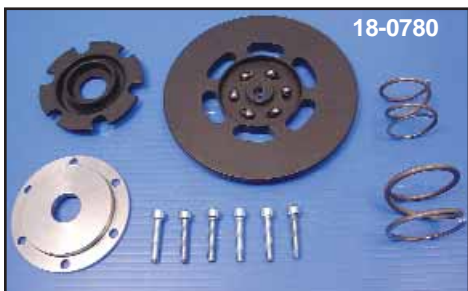
Variable Pressure Clutch features:

- Stronger clutch engagement than stock as revs increase
- Acts like a lockup clutch
- 35-40% reduction in effort at the clutch handle when measured at idle.

VT No. Type

18-0674 6

18-0677 12



18-0780

York Pressure Plate fits 1998-up Big Twin featuring positive engaging ball ramp activation.

VT No. 18-0780



19-0790

Big Twin Compensator Kit fits 2007-up Twin Cam models includes a heavy duty alternator rotor. The compensator unit includes heavier springs and an increase travel feature. This will aid in energy absorption of Big Cube Motors with high torque abilities performing street drag launches.

VT No. 19-0790



18-0674 Installation Instructions



1. Remove the derby cover and stock spring plate. Break loose all six screws on the spring plate and back them out evenly. Once they are clear of the spring plate, they can be removed with your fingers.



2. The spring plate is now free to be removed from the clutch.

NOTE: If replacing the diaphragm clutch it will be necessary to remove the primary cover. Refer to the service manual on primary cover removal.



3. The spider that comes with the kit as a flat piece of steel needs to have its fingers or tangs bent a little to conform with the curve of the stock diaphragm spring.



4. Place the spider inside the clutch spring with the fingers pointing out as shown. The spider can be manipulated through the slots in the diaphragm spring without removal.

7. The VPC comes with a replacement O ring in the kit for the derby cover. Some late-model big twins use a full circle gasket. The full circle gasket center must be cut to allow for clearance.



5. Install the VPC onto the pressure plate using the six metric Allen cap screws and washers supplied in the kit.



6. Check the movement of each weighted arm for freedom of movement. Insure the arms are riding on the spider fingers.

18-0780 Installed