

**V-Twin Mfg.**  
**CHROME TAPPET BLOCK COVER SET, STEEL**  
**VT No. 42-0437**  
**CHROME TAPPET BLOCK COVER SET, DIE CAST**  
**VT No. 42-0458**  
**FITS 1985-1999 BIG TWIN EVOLUTION**

**This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.**

**Installation Instructions:**

1. Installation must be done on a cold motor. We recommend installing these covers in the evening. It permits the silicone adhesive used in step 7 to cure overnight before engine start-up.
2. Clean outside surface of tappet blocks to remove any oil, dirt or grease.
3. Remove air cleaner assembly to permit easier access to pushrod tubes and tappet blocks.
4. Replace the four outer tappet block mounting screws (2) one at a time with the chrome-plated 12-point bolts supplied. Torque new bolts to 90-120 Inch pounds.
5. Remove all four push rod tube retaining clips (3) and raise pushrod tubes a few inches above tappet blocks as illustrated. We recommend using four spring type clothes pins to hold tubes up out of the way. If any oil leaks out of pushrod tubes be sure to clean tappet blocks again.
6. Gently install both covers (1) onto tappet blocks by sliding pushrod through slot in covers.

**Note:** On some models the oil pressure sending switch will have to be removed during cover installation. Push both covers down as far as possible to check for proper fit and alignment. Remove covers if they fit properly.

**Note:** Due to inconsistencies in OEM cast iron tappet blocks used on 1984 to early 1986 motor's, it may be necessary to slightly dress or file litter blocks for exact fitment on these models only. This is done by spraying a small amount of paint on inside surface of covers to determine interference point and then dressing lifter block with file until cover fits properly. Be sure to reinstall pushrod tubes during this procedure to protect tappet assemblies from metal shavings. Remove tappet covers. Clean tappet assemblies again and allow to dry. Remove all paint from inside of tappet covers.

7. Using silicone sealant provided, put a smooth, even ¼" long beads on tappet blocks where illustrated with an 'XX'. Do not use in excess. Only a small amount is needed.
8. Carefully reinstall both tappet covers loosely over tappet blocks. Reinstall pushrod tubes and retaining clips (3).
9. Push tappet covers all the way down making sure they are centered over tappet block bolts and pushrod tubes.
10. Clean off any excess silicone that may have squeezed out from under covers.
11. Reinstall air cleaner assembly.
12. Allow motorcycle to sit cold for 12 hours (overnight) permitting the silicone to cure before start-up.

