

# BAKER VOYEUR TOP COVER

## INSTALLATION INSTRUCTIONS

### Transmission As Shown:

BAKER OD6, P/N 711P

-Polished Case, 3.24 1st, .86 6th

BAKER N-1 Shift Drum, P/N N171-6

-N-1-2-3-4-5-6 Shift Pattern

BAKER LSD Hydraulic Side Cover, P/N 456-56C

-Chrome, Front Feed

BAKER Voyeur Top Cover, P/N 441-56P-KIT

-Upgrade Option On Complete Builds



## FEATURES

The BAKER Voyeur Top Cover is the newest product from the world we created and live in every day; Function Formed Design. Using our pension for vacuum wrapping all the meat & potatoes of the transmission with our designs, we were able to come up with a flowing muscular shape that anyone could appreciate. But milling that design out of a block of aircraft aluminum just wasn't going to cut it in this case. The coolest part of any transmission is the magic that goes on inside. Well, we got tired of covering that up, and started pursuing the perfect material to let us see the inside of the transmission, why still maintaining all of the performance, durability and sealing characteristics that we expect. Eureka, we found it, Zelux® W Optical Grade Polycarbonate. This material is the cat's ass and was specifically chosen for ease of machining, thermal expansion rates and its high yield strength. After machining one of these top covers to shape, they are then furnace annealed to reduce internal stresses and resist thermal cycle cracking down the road. The top cover is lastly vapor polished to an optically clear finish. The integrally design vent, eliminates the need to run an elbow fitting and rubber hose. Finish off the installation with the provided 12 pt polished stainless ARP® bolts and top cover gasket, you are ready to ride.

## FITMENT (for P/N 441-56P-KIT)

- **1987-1999 Softail®** (requires use of separately purchased BAKER P/N 555-56A Anti-Overshift Ratchet Pawl due to stock (H-D™ P/N 34084-86) shifter pawl height)
- **2000-2006 Softail®** (with stock TC88 shifter pawl installed)
- **1987-2000 FLH & FLT Models** (requires use of separately purchased BAKER P/N 555-56A Anti-Overshift Ratchet Pawl due to stock (H-D™ P/N 34084-86) shifter pawl height)
- **2001-2006 FLH & FLT Models** (with stock TC88 shifter pawl installed)
- **1990-1994, 1998-1999 FXR®** (requires use of separately purchased BAKER P/N 555-56A Anti-Overshift Ratchet Pawl due to stock (H-D™ P/N 34084-86) shifter pawl height)
- **BAKER DD5, OD6, DD6, RSD5, RSD6, Frankentranny, 6INTO4 Builder's Kits & Complete Transmissions with Cast Cases.**

## NOTES:

- TC88 Shifter pawls include H-D™ P/N's 34792-00A, 34792-02, 34792-02A or 34792-02B)
- The BAKER Voyeur Top Cover does not have a provision for a neutral switch.
- The BAKER Voyeur Top Cover will not fit Dyna® models due to overall shape, size and bolt pattern differences of that transmission's top cover.

## BAKER VOYEUR TOP COVER

### INSTALLATION

- 1) **DISCONNECT THE BATTERY BEFORE YOU DO ANYTHING ELSE** as with most models of motorcycles you will need to remove the starter to install your new top cover. While referencing the Factory Service Manual for your model of motorcycle, remove the stock top cover and top cover gasket and set aside.
- 2) Wipe down and inspect the gasket surface of the transmission case to make sure that it is free of thread lock debris, oil residue and any other substances to promote full gasket contact with the new top cover in place. Check that the threads of the transmission case are also free of thread lock debris at this time.
- 3) Place the provided gasket (P/N 34904-86E) and Voyer Top Cover (P/N 441-56P) on the transmission. Torque the 5 provided bolts to 120 in-lbs using 'Blue' Thread Lock, while referencing the torque sequence diagram below (Figure1). Bolt 1 is 2 ¼" long (P/N 2AL2.250-12SL), the other 4 are 1 ½" long (P/N 2AL1.500-12SL).
- 4) After installing your new Voyer Top Cover and putting your starter and oil tank back in place (if applicable) start your bike up and check for any leaks that could be attributed to debris on the gasket surface or uneven torque application on the bolts. Lastly check out the gears spinning inside your transmission. Don't worry it's not just you, we thought it was cool too and we still sit there and stare at it from time to time.

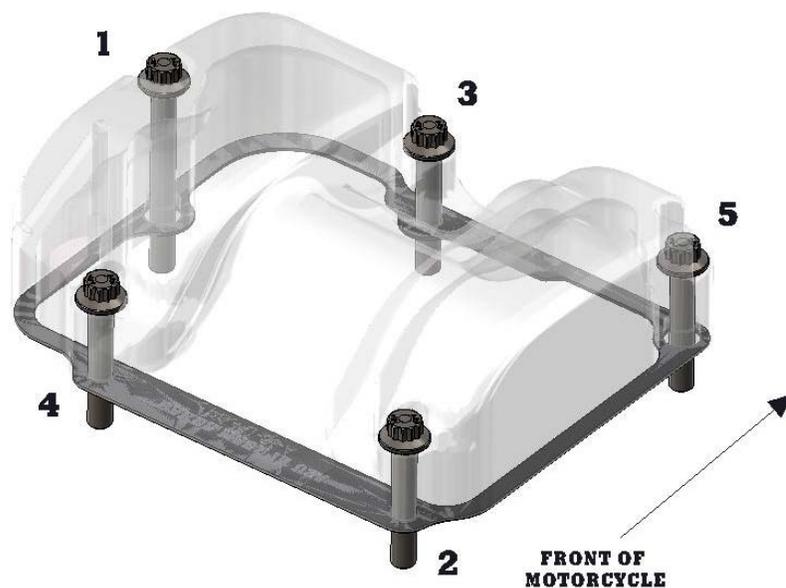


Figure 1

# BAKER VOYEUR TOP COVER

## SPECIAL ORDERS

A minimum \$500 deposit is required with all special orders. Special orders include unique case finishes, unique side door requests (i.e.; wrinkle black door or no logo).

## ALL OTHER ORDERS

Orders can be pre-paid using VISA, Mastercard or American Express.

Prices shown are F.O.B. Haslett, MI. BAKER™ provides free UPS ground shipping on all retail orders for complete transmissions or transmission kit. UPS air shipment is available upon request. Customer is responsible for air shipment premiums.

## LIMITED WARRANTY

BAKER™ Inc. transmission assemblies, transmission kits, and wide tire kits are guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of 5 years from the date of purchase or up to 50,000 miles - whichever is sooner.

The BAKER Voyer Top Covers is guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of 2 years, unlimited miles, from the date of purchase.

If the product is found by BAKER™ to be defective, such products will, at the option of BAKER™, be replaced or repaired at cost to BAKER™.

In the event warranty service is required, the original purchaser must call or write BAKER™ immediately with the problem. If it is deemed necessary for BAKER™ to make an evaluation to determine whether the transmission assembly or transmission kit is defective, the entire transmission assembly, whether originally purchased as an assembly or kit, must be properly packaged and returned prepaid to BAKER™ with a copy of the original invoice of purchase.

If after an evaluation has been made by BAKER™ and a defect in materials and/or workmanship is found, BAKER™ will, at BAKER™ option, repair or replace the defective part of the assembly.

Warranty card must be returned within 45 days of purchase to be valid.

## ADDITIONAL WARRANTY PROVISIONS

This limited warranty does not cover labor or other costs or expenses incidental to the repair and or replacement of BAKER™ products. This warranty does not apply if one or more of the following situations is judged by BAKER™ to be relevant: improper installation, accident, modification (including but not limited to use of unauthorized parts), racing, high performance application, mishandling, misapplication, neglect (including but not limited to improper maintenance), or improper repair.

BAKER™ shall not be liable for any consequential or incidental damages arising out of or in connection with a BAKER™ transmission assembly, transmission kit, swingarm, fender, component or part. Consequential damages shall include without limitation, loss of use, income or profit, or losses sustained as the result of injury (including death) to any person or loss of or damage to property.

BAKER™ transmissions, transmission kits, and Wide Tire Kits are designed exclusively for use in Harley-Davidson® motorcycles. BAKER™ shall have no warranty or liability obligation if a BAKER™ part is used in any other application.

If it is determined that a BAKER™ transmission assembly has been disassembled during the warranty period for any reason, this limited warranty will no longer apply.

## **BAKER VOYEUR TOP COVER**

### **DISCLAIMER:**

The words Harley, and H-D are registered trademarks and are for reference only. Use of H-D model designations and part numbers are for reference only. BAKER Drivetrain has no association with, and makes no claim against, these words, trademarks, or companies.

It is the sole responsibility of the user to determine the suitability of this product for his or her use, and the user shall assume all legal, personal injury risk and liability and all other as well as all other obligations, duties and risks associated therewith.

### **CUSTOMER SUPPORT**

For any installation or service questions, please contact our BAKER technical department toll free: 1-877-640-2004.

**BAKER DRIVETRAIN**  
**9804 E. SAGINAW**  
**HASLETT, MI. 48840**

On the web:

[www.bakerdrivetrain.com](http://www.bakerdrivetrain.com)

