

MY23 TECHNICAL UPDATES

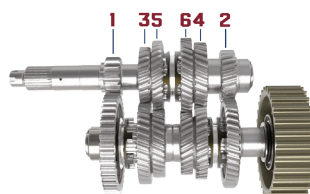


ASSIST AND SLIP CLUTCH

This updated assist and slip clutch creates a larger friction zone and reduces rear-wheel slip during deceleration. The pressure plate has an integrated ramp system that works on acceleration to grab, reducing clutch lever effort. During engine braking, the system applies pressure and allows the clutch to open slightly. Vehicles previously equipped with an assist and slip clutch will be receiving the redesigned components. On some models, the inner and outer primary covers have been updated to accommodate the new clutch.

This new clutch and its components are **NOT** backwards compatible. **ALWAYS** use E-cat to identify the correct parts for the VIN of the vehicle you are working on.

Platform: FTR (replaces previous Slip and Assist Clutch), Heavyweight Air Cooled, Heavyweight Liquid Cooled, Indian Chief



TRANSMISSION

A new transmission assembly (input and output shafts) will be used for MY23. This transmission assembly looks and functions the same as previous models, however the parts can not be interchanged with previous model years. **ALWAYS** use E-cat to identify the correct parts for the VIN of the vehicle you are working on.

Platform: FTR, Heavyweight Air Cooled, Heavyweight Liquid Cooled, Indian Chief, Scout (implemented as a running change late in MY22)



CLAMP ON GRIPS

Models with non-heated grips will be receiving a new "clamp-on" style grip. This grip offers easier servicing by using a fastener and eliminating the need for adhesive.

Platform: Heavyweight Air Cooled, Heavyweight Liquid Cooled, Indian Chief



	FTR	HEAVYWEIGHT AIR COOLED	HEAVYWEIGHT LIQUID COOLED	INDIAN CHIEF	SCOUT
ASSIST & SLIPPER CLUTCH	X**	X	X	X	
TRANSMISSION	X	X	X	X	X*
CLAMP ON GRIPS		X	X	X	

*Implemented as a running change for MY22

** Replaces previous Assist and Slip Clutch

ADDITIONAL UPDATES

MY23 HEAVYWEIGHT LIQUID COOLED

- The oxygen sensor has been updated. This new sensor is not backwards compatible. The electrical harness has been updated to accommodate the new sensor.
- The Vehicle Control Module 1 (VCM1) mounting system has been updated and will now be a rubber mount, with one fastener holding the VCM1 tray.
- The windscreen motor has been updated.
- INTERNATIONAL ONLY:** A third oxygen sensor has been added. The electrical harness and exhaust have been updated to accommodate the additional sensor.

MY23 FTR

- Some FTR models will be equipped with the 4" RIDE COMMAND display. The 4.3" display is no longer used. The 4" display is **NOT** backwards compatible and can **NOT** be installed on motorcycles that did not come with it from the factory. Included with the new display is a GPS puck (located under the right airbox cover, on top of the ECM).
- FTR models will now come equipped with DTV mufflers.