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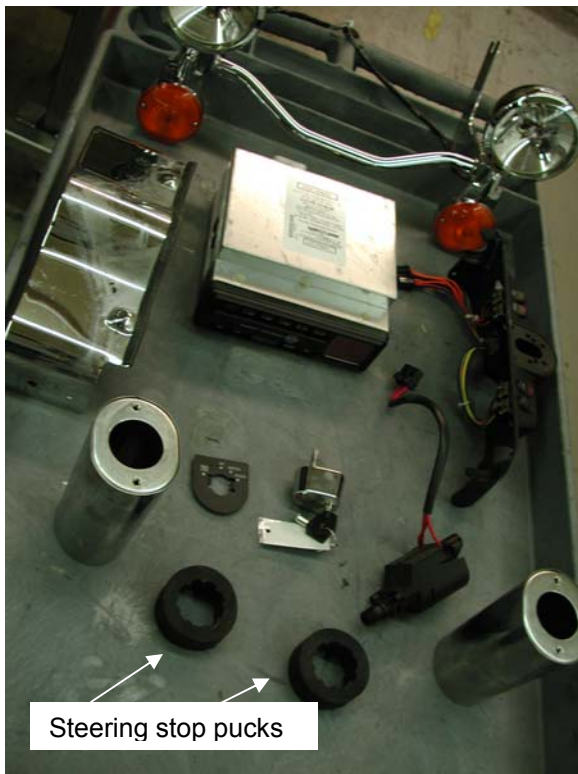
ULTRA TS “Trike Steering Kit” Installation Instructions

These instructions are for the installation of a steering kit on a FLHT model motorcycle, not FLHR.

The pictures shown in these instructions are from a 2005 FLHTCUI.

Please thoroughly review the instructions before and during installation. Keep in mind that this kit was designed to be installed by trained dealer technicians. If you are a do-it-yourselfer, be patient, trust your common sense, and if necessary call us at 800-331-0705 if you run into any problems you cannot resolve.

DO NOT attempt this installation unless you feel very confident in your mechanical abilities. Remember, when the installation procedure is complete, someone will be riding this trike down the highway at 70 mph!



- >Remove front fairing (painted part) with headlight and windshield
- >Remove the light bar (note: wherever possible, leave screws in to support fairing)
- >Remove front chrome valance
- >Remove radio, ignition switch, ignition switch panel
- >Unbolt front brake calipers and support off to the side
- >Unbolt brake line tee from lower triple clamp – save bolt



>Remove top fork tube retaining bolts (save rubber washers, discard bolts).
Note: If the bike has air forks, reuse the stock top fork retaining bolts and air fittings – DO NOT use supplied bolt and washer assembly shown to the left.

>Loosen bottom triple clamp pinch bolts and remove fork tube and front wheel assembly.



>Remove slider covers from lower triple tree – discard bolts (4) – shown to the left.



>Remove stock fork tube caps – transfer O-rings to The Trike Shop's supplied fork tube caps – install new caps into fork tubes.



>Unbolt handlebar risers from top triple clamp

Note: Discard large washer under right side riser bolt (arrow A)

Note: Pay attention to position of ground wires, spacers, etc. and transfer to The Trike Shop's triple clamp when appropriate.

>Remove top triple clamp nut and tin plate – discard both (arrow B).

>Note position of cables, wiring, etc and remove top triple clamp.



>Transfer handlebar isolator bushings and sleeves to The Trike Shop's top triple clamp as shown – spacers on top.



>Remove lower triple clamp bearing adjuster nut – discard nut. (arrow C)

>Remove lower triple clamp.

Note: Support fairing

>Install The Trike Shop's lower triple clamp. Tighten bearing adjustment nut to 28ft.lb.

Note: Reuse the trike's original upper bearing and dust shield.

>Install fork slider covers using supplied 1/4" allen bolts.

>Install brake line tee to lower triple clamp using original bolt and supplied 5/16" washers. Space tee down as needed, using additional 5/16" washers.

Note: Usually 3 washers are sufficient to space down tee.

Note: Re-bend brake line as needed.



>Install top triple clamp and handlebar risers as shown to the left.

>Install top triple clamp bolt, washer, and cup assembly. Do not tighten yet.

>Install fork assembly

Note: Don't forget the steering stop pucks.

>Install The Trike Shop's fork retaining bolts with rubber gasket through 1/4" spacers and into forks.

Note: If the bike has air forks, reuse the stock top fork retaining bolts and air fittings. Do not use supplied bolt and washer assemblies.

Note: 1/4" spacers go on top of top triple clamp.

>Tighten fork retaining bolts.

>Tighten top triple clamp stem bolt 70ft.lb.

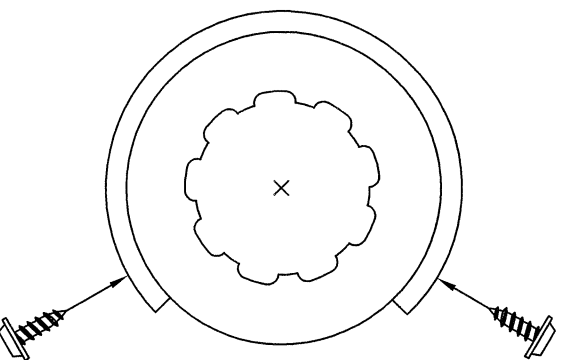
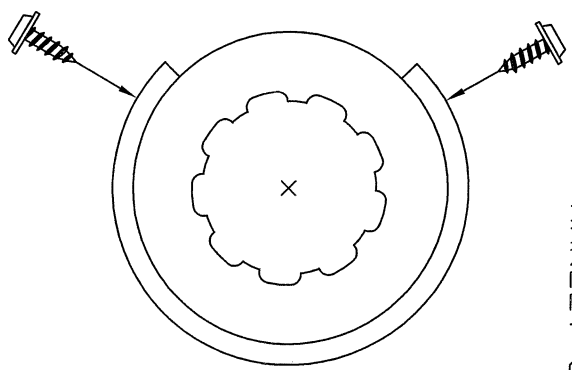
>Tighten lower triple clamp pinch bolts 45ft.lb.

>Replace parts removed earlier – radio, ignition switch, light bar, etc.

>Test drive and enjoy.

CHECK CLEARANCE BETWEEN
 FAIRING & TANK - ADD STRIPS
 IF NEEDED ((FAIRING EQUIPPED
 MODELS ONLY))

ADD RUBBER STRIPS TO STOCK
 HARLEY STEERING STOPS



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

THE TRIKE SHOP				
HARLEY STEER KIT(550)				
RUBBER STEERING STOP				
SIZE	FSQM NO.	DWG NO.	REV	
		A-100-552-A		
SCALE	SHEET			