

# ARLEN NESS KO 6° RAKED TREE KIT

Part# 20-372

Fits: 2000-UP FLST, FLSTN, FLSTF



Thank you for purchasing this Arlen Ness product. We believe that our products are the very best available and are engineered to provide a lifetime of use. ***This installation must be performed by a qualified motorcycle technician to ensure proper installation.***

Parts:	2- Handlebar Damper Spacer
1- Top Triple Tree	1- 3/8" Allen Head and washer
1- Bottom Triple Tree	1- adjustment nut
1- Headlight mount	1- 1/2" Allen Head and washer
4- 1/4-20 x 3/4" Socket Head Allen (Billet Fork Cans)	4- 1/4-28 x 3/4" Socket Head Allen (Stock Fork Cans)
4- 5/16" button heads with washers	2- 5/16" hex bolts
1- I-Waiver	1- I-20372 Instructions

## IMPORTANT NOTE:

***For 21" and 23" applications use standard length forks 30.5" long. 26" application you can use 1" shorter tubes. Check fender to bottom tree clearance on all applications under full compression. You must use straight handlebar risers with our tree kit. Fat boy low risers work if you reverse them.***

1. Remove fork assembly per the service manual of your model motorcycle.
2. Install the handlebar bushings with spacers supplied on the top side of the top triple tree shown in **Picture #1**.
3. Grease bearing on lower triple tree and install into the frame neck using our adjuster nut. Install head light mount as show in **Picture #2**. Install top tree, fork cans and legs like OEM units. Torque stem Allen-head to 50ft lbs with the neck bearing adjusted to OEM specs. Torque Pitch bolts on lower tree to 35ft lbs.
4. Modify headlight mount as shown in **Picture # 3**. Check that it clears the frame.
5. Transfer Nacelle mounting brackets from OEM top tree to our top tree using 5/16 hex bolts supplied.
6. Use the 4 buttheads and washers supplied to attach the Necelle pieces to the top and bottom trees.
7. 26" wheel applications measure between the fender and the bottom triple tree. Take that measurement and subtract 1/4", that is all the travel your forks can have. Using 1/2" EMT tubing (available at any hardware store) mark at top of fork leg as shown in **Picture #4**. The amount you measured between the fender and the bottom tree measure down this amount from your first mark you made representing the top of the fork leg. This new mark is your cut length, cut and de-burr the tubing. Repeat this process for the second travel limiter. Adding 1/2" of pre-load to the fork springs is also recommended.

Picture #1



Picture #2



Picture #3



Picture #4

