

PICKARD USA

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6 Degree Bagger Tree Instructions

23" Bolt on Bagger Tree

Installation

Important Installation Notes:

- Read entire instruction pamphlet prior to commencing installation. Familiarize yourself with the tools required to install this product and how the hardware supplied operates and properly fits.
- Check the package to be sure you received all the necessary items included for this product.
- Obtain the factory service manual with detailed instructions on the removal of your stock parts necessary for installing this kit.

Preparation:

This product is designed to be installed and used as described in the assembly instructions. You understand and agree not to modify the product and agree not to use any components, parts, or accessories in connection with the installation and the use of the product that are not authorized and approved by Pickard USA, PickardBaggerParts.com.

This kit is to be installed only by a certified mechanic at a licensed motorcycle facility trained in Harley Davidson's and custom V-twin motorcycles.

Position motorcycle on a quality motorcycle lift with a weight rating greater than the weight of your motorcycle. Securely position and lock down motorcycle before attempting any work.

Make sure that motorcycle is balanced and fastened to the lift before raising and removing complete front end.

- Remove the front fender, then the front wheel.
- Remove stock front fairing, handlebars, front and rear fork covers, and fork tube assemblies.
KEEP ALL MOUNTING HARDWARE, IT WILL BE USED AGAIN

*****BEFORE TEARING BIKE APART*****

*******STEP A: Press Neck Stem into Top Triple Tree and Install "C" Clip on Neck Stem *******

Press neck stem down until C clip touches the top tree surface. DO NOT press further
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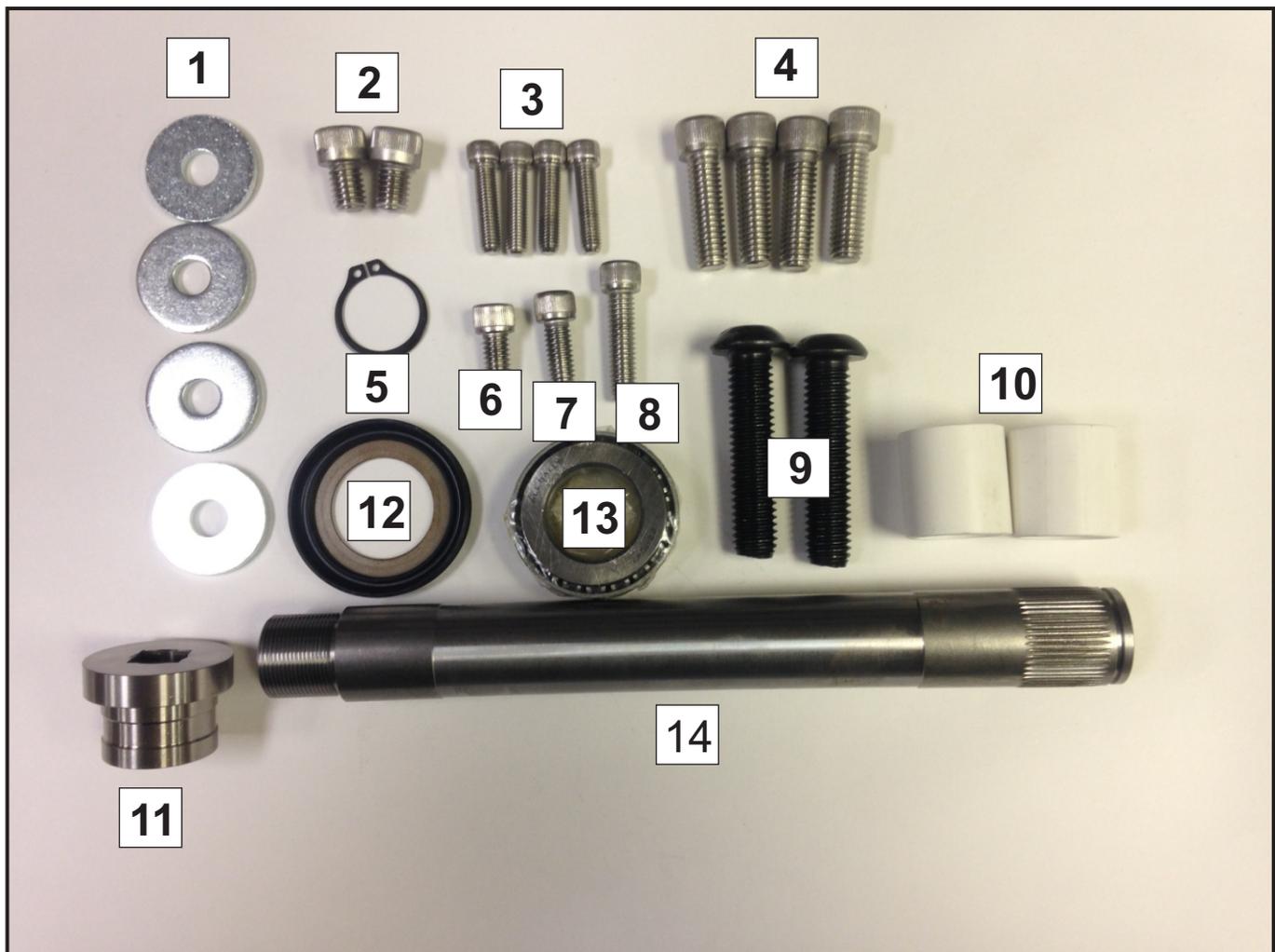
If you have any questions regarding installation of our 23" Bolt on Harley Davidson Bagger Triple Trees, please feel free to call our technical support team at (972) 231.1298 or email at info@pickardusa.com

Enjoy your new front end and ride safe!

Pickard USA 6 Degree Bagger Tree Hardware Kit Diagram

Installation Kit Includes:

1. (4) Washers
2. (2) 3/8-16 x 1/2" Bolt
3. (4) 1/4-28 x 1" Bolt
4. (4) 3/8-16 x 1.25" Bolt
5. (1) C-Clip for Neck Stem
6. (1) 5/16 x 1/2" Bolt
7. (1) 5/16 x 3/4" Bolt
8. (1) 5/16 x 1-1/4" Bolt
9. (2) 1/2-13 Button Head Bolt
10. (2) PVC Pre Load Spacers
11. (1) Neck Stem Cap
12. (1) Bearing Dust Shield
13. (1) Neck Bearing
14. (2) Neck Stem



Installation Steps

Step 1: Put supplied "C" clip on neck stem. Press neck stem into top triple tree. Remove your stock upper and lower triple tree assembly. Look for wear on the lower steering neck bearing race. Replace if worn. Install the new, supplied, upper neck bearing to the neck stem.

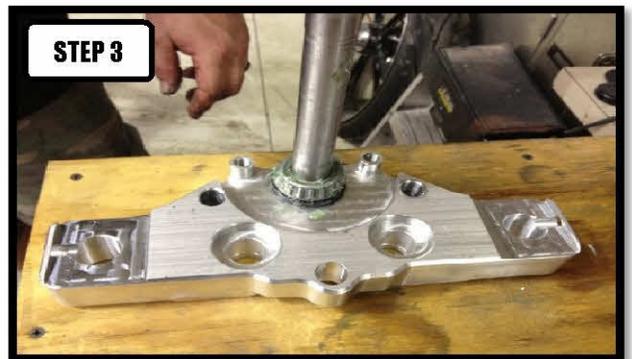
Step 2: *****IMPORTANT***** Repack upper neck bearing with grease, replace if necessary. Apply anti-seize to the threads of the neck stem.

Step 3: Slide bearing dust cover and packed bearing onto the neck stem of the upper tree.

Step 4: Mount upper tree with bearings through the stock neck. Make sure neck bearings fit into the races.

Step 5: Pack the lower neck bearing with grease and slide onto the bottom of the neck stem with the supplied dust cover.

Step 6: Install lower tree and tighten with the neck stem nut. **DO NOT OVERTIGHTEN NECK STEM NUT.** You will check for end play later.



Step 7: Tighten the front set screws on the upper and lower trees. The lower tree set screw needs to be tightened just to the point where the screw touches the neck stem nut.

(The upper and lower tree set screws need to be set with blue Loctite.)

*****DO NOT OVERTIGHTEN WITH A LOT OF PRESSURE ON THE FRONT, LOWER SET SCREW AT THIS POINT*****



Step 8: Route brake lines through the slots of lower tree.

This brake line slot is only used when running custom brake lines. Stock brake lines will not fit through these slots.

Step 9: Install handlebar bushings on the upper tree.



You will reuse your stock handlebar bushings

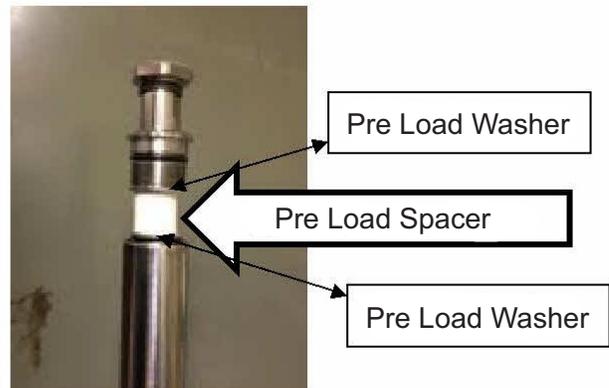
Step 10: Remove the drain bolt at the bottom of both fork legs. Drain the fork fluid.

OPTION 1 – OEM FACTORY SETUP

Remove fork cap and install supplied pre load spacer.

Place one washer on each end of the pre load spacer

Install 30W fork oil. Refer to service manual for proper amount of oil to use.

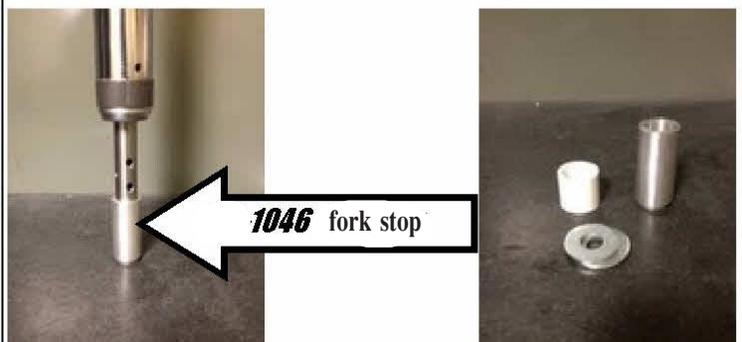


OPTION 2- Running a 1" Lowering Kit:

Remove fork cap, remove lower legs from fork tubes, replace dampener rod spacer with new extended fork stops spacer (Part # 1046.) Reinstall the dampener rod using the supplied 8mm x 50mm bolt and crush washer.

Reassemble fork legs and tubes. Install supplied pre load spacer. Install 30W fork oil. Refer to service manual for proper amount of oil to use.

*****USE PIPE DOPE TO SEAL THE PLUG*****



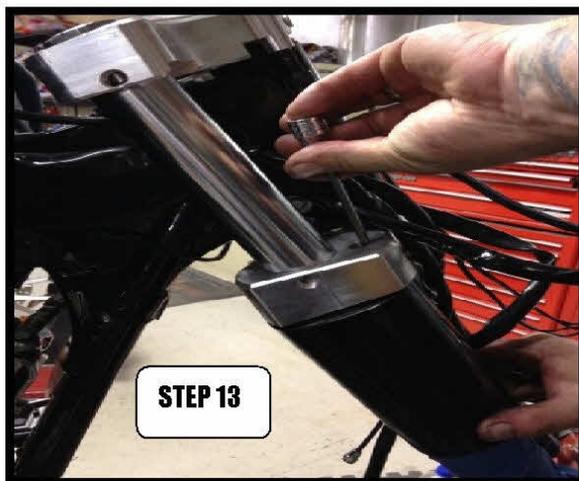
Step 11: Slide fork tubes through lower and upper tree. Don't forget to slide your fork cans over tubes before sliding the tubes through the tree



Step 12: Reinstall Fork Cap



Step 13: Install Fork Cans



Step 14: Install ignition switch on upper tree.



Step 15: Mount handlebar and risers onto top tree and tighten riser bolts.



Step 16: On the top tree, there are (2) 3/8-16 tapped holes for the turn stops. Install the bolts to limit how far the front end can turn. This will still allow you to lock your front forks.



Step 17: Install 23" Front wheel and brake caliper.

Step 18: Lift front end of bike off the ground so the front wheel can swing side to side. Tighten the lower neck stem nut until front end endplay is set.

See *NOTES* below for setting endplay



Step 19: Lower bike onto the ground, UNDER FULL WEIGHT, and tighten pinch bolts on each side of the lower tree.

Make sure to use Loctite



NOTES How to set endplay

Once the front end is off the ground, pull up on the front axle to check for any play. Slowly tighten the lower neck stem cap until all vertical play is eliminated. Next, check your fall away. Push your bars to one side and let go. The front end should come back to center by itself. If the front end goes too far past center on its own, tighten the neck stem cap again. Once your fall away is set, swing the front end left and right to make sure there is no drag on the neck bearings. Too tight or too loose on your endplay will have a negative effect on your bike's handling.

Step 20: Lift the bike's front end off the ground and check for any slop in the front end by pulling upward on the lower legs. If there seems to be any play, tighten the neck stem nut and check for endplay.



Step 21: Lower bike on ground and tighten the set screw on the back side of the lower tree. ***Use Blue Loctite***



*Alternate front and back set screws

when tightening to avoid binding neck stem

Step 22: Reinstall covers, fairing and other remaining components. Adjust the clutch cable, bleed brake lines and install front fender.

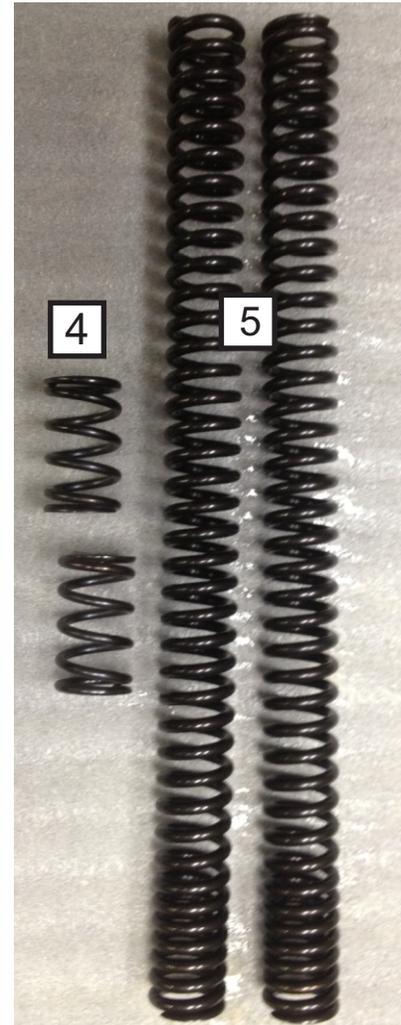
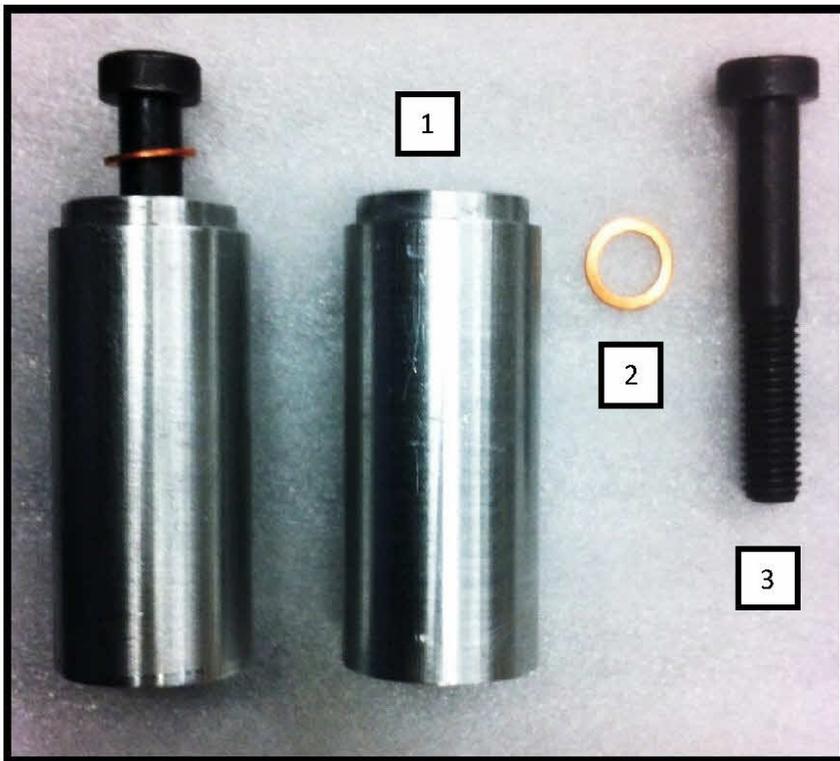
Pickard USA
23" Bolt On Bagger Triple Tree Additional Hardware for Running a 1" Lowering Kit

Optional Hardware for running a 1" lowering kit

Kit PN: 1046 Includes the following hardware:

1. (2) Extended Fork Stop (PN: 1046)
2. (2) Small Crush Washer
3. (2) 8MM x 50MM Bolt
4. (2) Dampener Spring
5. (2) Main Spring

must use STOCK length dampener rod (7.25") with our lowering kit



When running our 1" lowering kit, you must use the extended fork stops PN:1046. This will prevent your fender from crashing into your bottom tree. Make sure your dampener rod is stock length, which is 7.25". This is VERY important. The extended fork stops will replace the stock fork stops on the bottom of your dampener rod. To lower the bike 1", disassemble your stock forks and remove the main spring and the lower dampener spring. Replace the 2 stock springs in each leg with our springs. Make sure you put the tighter wound portion of the main spring towards the bottom of the fork tube. Reassemble the forks and slide the extended fork stop onto the bottom of the dampener rod and use the longer bolt and crush washer to secure the legs.