



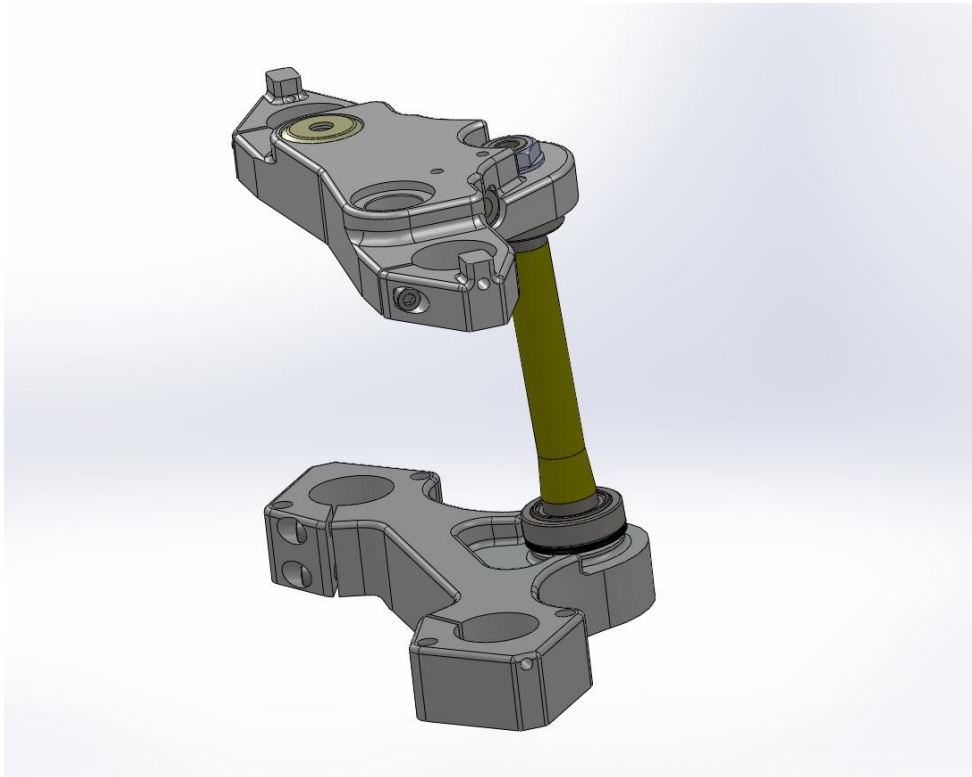
Champion Trikes

EZ-Steer Installation Guide

For

Indian 2014-2015 Motorcycles Classic and Vintage

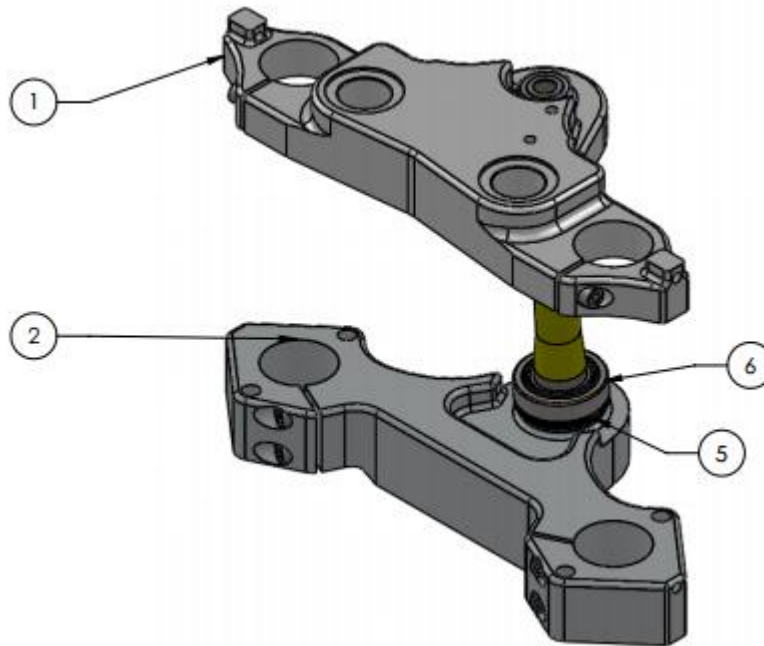
Revision 1



Note: Above CAD picture is for illustrative purposes only to show detail of EZ Steer.

Champion Motorcycle Accessories International, Inc.
Dba Champion Sidecars
11841 Monarch Street, CA 92841
(800) 875-0949 (714) 847-0949 Fax (714) 847-1539
www.championtrikes.com

Parts Illustration



ITEM NO.	DESCRIPTION	ITEM NO.	QTY.
1	TOP CLAMP, EZ STEER, INDIAN	EZ-IN0-006	1
2	BOTTOM CLAMP, EZ STEER, INDIAN	EZ-IN0-008	1
3	SEAL, BEARING, TOP, SMALL, GL8/GL5	BE-E00-008	1
4	BEARING, SWING ARM, HON, TAPERED	BE-E00-002	1
5	SEAL, BEARING, BOTTOM, EZ5	BE-E00-016	1
6	BEARING, BOTTOM, EZ5	BE-E00-015	1
7	STEM, EZ STEER, CHIEFTAIN, ROADMASTER, INDIAN	EZ-IN0-009	1
8	RING, RETAINING, EZ STEER, CHIEFTAIN, INDIAN	EZ-IN0-010	1



EZ Steer Instructions

WARNING: The Champion EZ-Steer Kit is designed to be used only with a sidecar or trike application.

Installation of the Champion EZ-Steer system is similar to the installation of the OEM triple clamp of your Indian motorcycle. We recommend that you use an OEM service manual and follow the prescribed disassembly, installation, and torque specifications unless otherwise stated below.

Disassembly

NOTE: The Champion EZ-Steer Kit is designed to reuse some OEM hardware. During disassembly it is a good idea to label and set aside all hardware so it can be easily put back together.

NOTE: MARK ALL MATING PLUGS BEFORE DISCONNECTING THE WIRING.

Male and Female connectors are the same in many instances, therefore it is possible to plug the wrong Male to the wrong Female.

PLEASE mark all mating connectors before disconnecting.

Mandatory Parts/Tools Needed:

- **Steering Head Adjustment Socket (Polaris Part #PV-43508)**

EZ-Steer Installation Instructions

1. Use the Parts Checklist included with your kit to verify the contents of the box.
2. Remove the OEM Top Clamp and Bottom Clamp with steering stem as per the Indian Service Manual.
3. Remove steering lock from OE Top clamp and install to Champion Top Clamp and reuse the 8mm OEM bolts. Do not torque bolts yet. **NOTE: Key lock location has been change for the Champion Top Clamp to the LHS of the motorcycle. A modification is needed but will be addressed later in the installation.**
4. Replace both the top and bottom steering bearing races with the new supplied races. Remove both top and bottom race by utilizing a long flat head screw driver and hit the race out.



5. Completely pack the new top bearing with the supplied grease. Check the bottom bearing to ensure sufficient grease. It is the installer's responsibility to ensure sufficient grease is installed in the bearings.
6. Install the Champion stem with bottom clamp into neck.
7. While holding the stem, install the supplied top bearing and dust seal.
8. Install the adjustment nut and torque to 30 ft-lbs using the Polaris steering stem socket tool. Loosen the adjustment nut and retighten to the same torque. Turn steering stem left and right, lock to lock a few times to fully seat the bearings. Retighten the adjustment nut to the same torque of 30 ft-lbs
9. Install the Champion top clamp. Install stem nut finger tight (Note: to be tightened later in the installation).
10. Temporarily install the fork legs into the bottom and top clamp with the top surface flush with top surface of the top fork clamp. Tighten the stem nut to 72 ft-lbs.
11. Fully turn handle bars to the right. Activate key lock and mark location where lock strikes the bike frame. Remove a half moon shape of material from the bike frame where the lock will strike. Remove about 1/16" deep from top to bottom of bike frame.
12. Make sure the steering stem moves smoothly, without play or binding, by turning right to left multiple times.
13. Install the fork legs properly and finish front end assembly according to the Indian Service Manual. Re-use the OEM pinch bolts. (Note: The top fork clamp pinch bolts should be torqued to 18 ft-lbs. The bottom fork clamp pinch bolts should be torqued to 18 ft-lbs.)

EZ-Steer Maintenance

The bearings in your EZ-Steer kit are normal wear items, not subject to replacement under Champion's one year Limited Warranty for the product. Failure to follow your motorcycle manufacturer's recommendations for periodic OEM triple-tree maintenance will accelerate the wear on these bearings.