

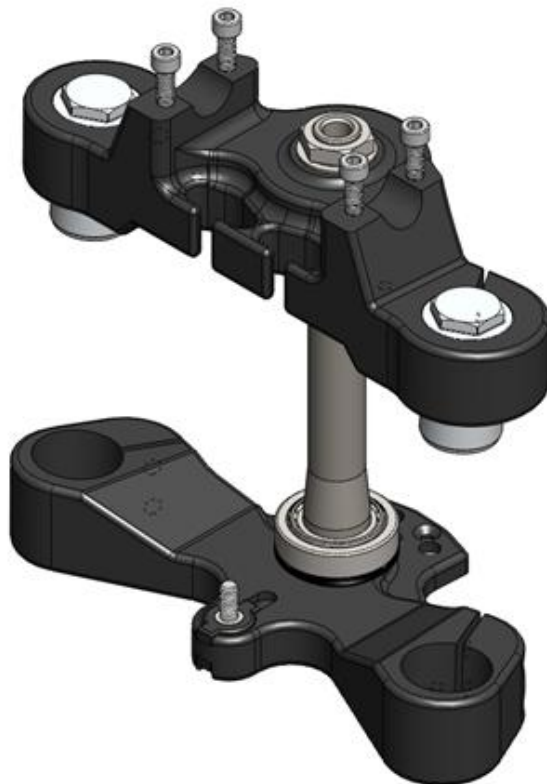


# Champion Trikes

## EZ-Steer Installation Guide

For

### Indian 2016 Motorcycles Scout

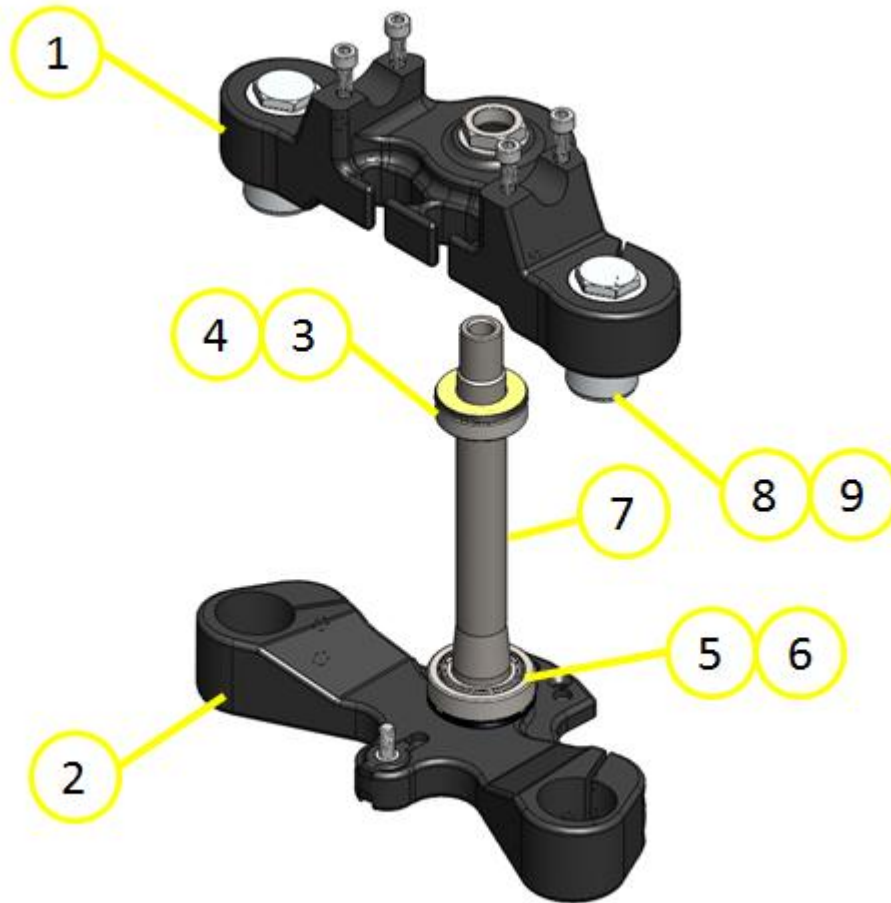


## Revision 1

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](http://www.championtrikes.com)

## Parts Illustration



ITEM NO.	DESCRIPTION	ITEM NO.	QTY.
1	TOP CLAMP, EZ STEER, INDIAN	EZ-IN0-012	1
2	BOTTOM CLAMP, EZ STEER, INDIAN	EZ-IN0-013	1
3	SEAL, BEARING, TOP, SMALL	BE-E00-008	1
4	BEARING, 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	EZ-IN0-014	1
8	EXTENSIONS, FORK TUBE	EZ-IN0-015	2
9	O-RING	EZ-IN0-016	2



## 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.**

**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. Disconnect and remove headlight from the OEM lower clamp. Detach both front turn signals.
3. Remove the OEM Top Clamp and Bottom Clamp with steering stem as per the Indian Service Manual.
4. If the OE bottom clamp has a steering lock, then remove it and install it onto the Champion lower clamp.
5. 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.
6. 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.
7. Install the Champion bottom clamp with stem into the neck.



8. While holding the stem, install the supplied top bearing and dust seal.
9. 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
10. Install the Champion top clamp. Install stem nut finger tight (Note: to be tightened later in the installation).
11. Slide supplied o-rings onto the Champion fork tube extensions and install. Torque to 35 ft-lbs.
12. 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.
13. Re-install the headlight and both turn signals. Install the OEM Indian wire cover onto the Champion EZ-Steer using the OE hardware.
14. Install the OEM brake line holder onto the bottom clamp.
15. Make sure the steering stem moves smoothly, without play or binding, by turning right to left multiple times.
16. 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 torque to 18 ft-lbs. The bottom fork clamp pinch bolts should be torque 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.