



TRIKE CONVERSION KIT
HARLEY-DAVIDSON®
Sportster Solid Axle Suspension

Champion Trikes
(800) 875 0949
www.championtrikes.com

Owner's Maintenance Notes

1. **Tire Pressure and Rotation:**

Keep the nominal tire pressure at about 24-26psig. It is not necessary to periodically rotate the trike tires unless you experience unusual tire wear.

2. **Bearing Lubrication.**

Your Swing Arm, external differential, and axle bearings are sealed and do not require greasing. However, should you experience unusual differential or axle bearing noise you should take your trike to a Champion Trike Dealer or to your motorcycle mechanic for a checkup.

3. **Body Lubrication.**

There are no grease fittings on the trike body and no required body lubrication points.

4. **Differential lubrication.**

Your differential is a sealed unit and comes filled with high-pressure grease. No maintenance is required.

5. **Brakes.**

Check your brake system fluid level every 3,000 miles and top-off as necessary. Inspect rear disc brake pads every 10,000 miles and replace as necessary. Pads are Volkswagen Part # D101P.

6. **Drive Train.**

Inspect your drive belt as recommended in your motorcycle Owner's Manual. When properly tensioned after the trike conversion, the belt should "deflect" approximately ¾"-1" with a new belt or 1" to 1-1/2" with a used belt of total vertical movement. Do not use commercial belt dressing compounds on the belt except for Harley Davidson Poly-Oil, PN 99860-81. These compounds are designed for friction, not toothed, belts and can collect dirt and sand.

7. **Suspension System.**

The suspension is a "Zero Flex" solid axle with high performance adjustable pre-load coilover shocks. The suspension system is designed to give you the best ride with a load of no more than 400 pounds.

8. **EZ-Steer (rake kit):**

If your trike is equipped with Champion's EZ-Steer, the bearings are a wear item. You should follow your motorcycle manufacturer's recommended front-end triple-tree maintenance requirements. Generally these call for an initial service at 1,000 miles followed by periodic maintenance at 10,000 mile intervals.



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9. **Basic Motorcycle Maintenance.**

You should follow the periodic maintenance requirements prescribed in your motorcycle Owner's Manual for those components and systems not replaced by the Champion Trike Conversion Kit. Your trike kit should be checked by a professional trike conversion company every 5,000 miles. Every 10,000 miles you should check the trike kit fasteners for tightness.

10. **Specifications**

Overall Length:	91"
Overall Width:	55"
Wheel Base:	64"
Load Capacity:	400 Lb
Tire Size (15"):	205 / 70 / R15
Wheel Size (15")	Offset +35 mm 15x7JJ 4x4.5
+1 Tire Size (16")	225 / 55 / R15
+1 Wheel Size (16")	Offset +42 mm 16x7JJ 4x4.5
Tire Pressure:	24-26 PSI
Suspension:	See paragraph 7 above
Rear Differential:	Custom-built rear differential utilizing OEM drive belt.
Brakes:	Original front plus 2 high performance rear disc brakes.