



Revision: 1.5 - 10/21/2011

CAUTION! Read this before installing these products! WARNING! It is critical that the rider of a motorcycle equipped with this product be aware of the change in maneuverability you will experience after installation, both at low and/or high speeds. We strongly recommend that torque specs provided here are closely followed and are rechecked after 100 miles of riding. Tire pressures are critical ensure your tire pressures are always at manufacturer settings for your brand of tire. Baron Custom Accessories accepts no liability whatsoever for injury or damage resulting from the installation of these products.

INCLUDED IN THE KIT:

(1) Triple Tree

INSTRUCTIONS:

Installation Procedure:

Place motorcycle on a lift or stand to raise front wheel

Remove handlebar riser bolts (two 19mm nuts under top tree)

Lift handlebar and risers out of top tree and lay on a blanket or towel on top of fuel tank

Remove headlight per Yamaha shop manual procedures

Remove turn signal bar per Yamaha shop manual procedures

Remove front fender (two 6mm allen head bolts on each side)

Loosen front axle pinch bolt (6mm allen head on the bottom of the right fork leg)

Remove front axle (22mm) and roll tire out of the way

Remove upper brake line from brake splitter

Remove brake splitter from lower tree (two 5mm allen head bolts)

Remove brake calipers (with lines attached) and set aside Loosen top tree pinch bolts (two 6mm allen heads on each side)

Remove top steering stem nut (27mm chrome nut) & washer

Lift off the top tree and then lift off top fork tins

Loosen lower tree pinch bolts (two 6mm allen heads on each side) and slide fork legs out of the tree

Remove lower fork tins (three 5mm allen heads on each side)

Remove special lock washer, and using a spanner wrench loosen and remove the two spanner nuts holding steering stem in frame neck (see Photo 1). Make sure lower tree is supported during this step

The lower tree will now slide right out of the frame neck. Remove dust cover and upper bearing

Using a metal rod or long screwdriver and a hammer, knock the bearing races out of frame neck

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Barons bears no responsibility on installation costs associated with this product.
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Pack the supplied, new lower bearing with grease. Remember - you're not trying to just coat the outside, you must get the bearing full of grease on the inside. Use a flat stick or putty knife to press grease into top of bearings, then fill the race with grease and press it down over the bearings (see Photos 2 & 3)

Pack the supplied, new upper bearing (see Photo 4)

Install both new races in the frame neck (a wooden block and a mallet will work for this if you don't have a race installation tool)

Slide the lower tree/stem assembly up through frame neck and insert new top bearing. Replace dust cover and first spanner nut. Tighten it as much as you can while still being able to turn the tree freely without any drag (approx. 37 ft-lbs).

Reinstall rubber isolation washer and top spanner nut. Tighten nut so tabs line up with lower spanner nut tabs (approx. 2.2 ft-lbs). Replace locking washer (see Photo 1)

Put on top tree, washer and chrome cap nut (finger tight only)

Spray fork legs with glass cleaner to make them slide easier (do not use oil or WD-40)

Slide fork legs in from bottom and up through top tree, making sure they both stop flush with the top of tree (refer to Yamaha shop manual procedures for proper fork installation)

Tighten lower tree pinch bolts first (14 ft-lbs)

Tighten chrome cap nut next (94 ft-lbs)

Finally, tighten top tree pinch bolts (8 ft-lbs)

Replace handlebar/risers and tighten riser bolts (29 ft-lbs)

Replace front wheel and axle (56 ft-lbs) and tighten pinch bolt (14 ft-lbs)

Replace brake calipers and tighten (29 ft-lbs) and install brake splitter on new lower tree (10 ft-lbs)

Pass top brake line through hole in lower tree and attach to splitter using NEW banjo crush washers. Tighten banjo bolt (20 ft-lbs)

Replace front fender and tighten mount bolts (17 ft-lbs)

Bleed front brake system per Yamaha shop manual procedures. Check hydraulic fittings for leakage

Test brake, clutch and throttle operation to be sure they are functioning properly before you ride

Recheck all bolts/fasteners after 100 miles of riding

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Photo 1

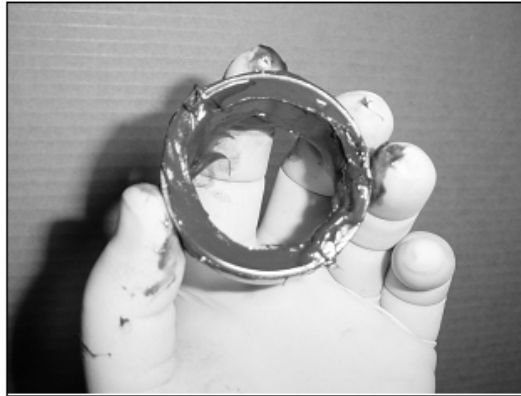


Photo 2



Photo 3

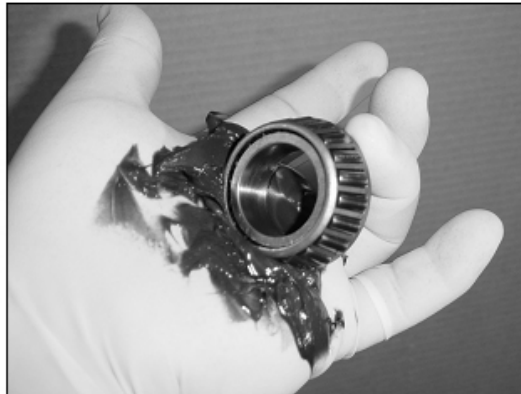


Photo 4

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