



# CUSTOM CHROME®

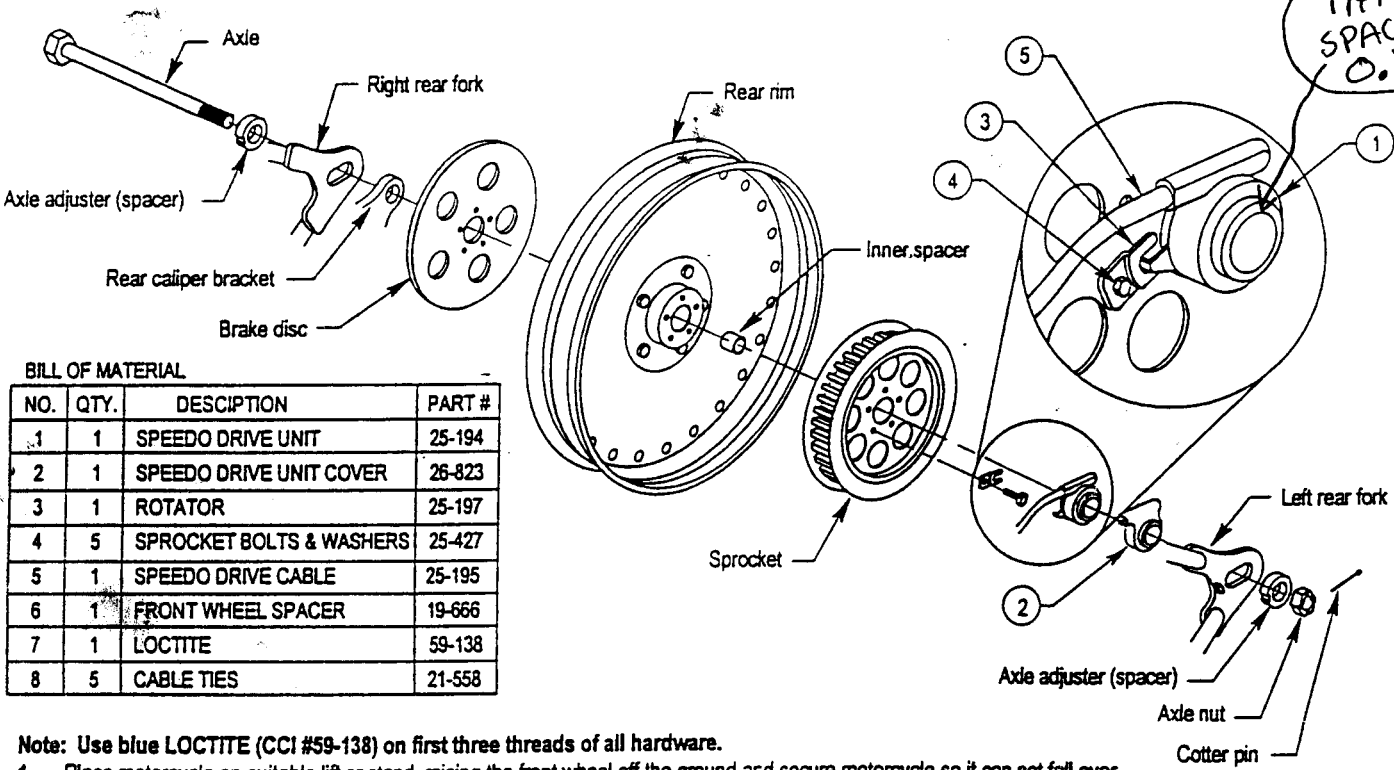
## Instructions

### Rear Wheel Drive Speedo Kit

For FLSTC, FXSTS, FLSTN  
FXSTC, FLSTF, FXSTSB Models  
1986 to Present  
CCI #25-271

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THIN SPACER O.D.



#### BILL OF MATERIAL

NO.	QTY.	DESCRIPTION	PART #
1	1	SPEEDO DRIVE UNIT	25-194
2	1	SPEEDO DRIVE UNIT COVER	26-823
3	1	ROTATOR	25-197
4	5	SPROCKET BOLTS & WASHERS	25-427
5	1	SPEEDO DRIVE CABLE	25-195
6	1	FRONT WHEEL SPACER	19-666
7	1	LOCTITE	59-138
8	5	CABLE TIES	21-558

**Note:** Use blue LOCTITE (CCI #59-138) on first three threads of all hardware.

- Place motorcycle on suitable lift or stand, raising the front wheel off the ground and secure motorcycle so it can not fall over.
- With bike on lift, remove dash cover and disconnect speedometer cable.
- Remove the front axle nut, lockwasher and washer. Loosen the slider cap nuts and pull the axle free from the wheel and speedometer drive. Remove the speedometer drive unit and cable. Replace the drive unit with spacer (6) and slide the axle back through.
- Reinstall the washer, lockwasher and axle nut. Tighten the axle nut to 50 ft.-lbs. torque. Evenly tighten the axle cap nuts to 5-11 ft.-lbs. torque. Lower the front end down.
- Using a suitable lift or stand raise the rear of the motorcycle so that the rear wheel can be removed.
- Remove the cotter pin, axle nut, axle adjuster (spacer) from left side of axle. Tap axle towards the right side and remove. (On some models it may be necessary to remove the rear muffler). Move wheel forward and slip belt off the sprocket. Pull wheel from swing arm.
- Remove sprocket bolts and nuts (laced wheels only) and replace with hardware supplied (4) using the rotator (3) as a washer. Apply loctite (7) to the new sprocket bolts. Turn the rotator fingers towards the axle hole and torque the sprocket bolts to 65-70 ft.-lbs.
- Set the wheel back in the swing arm and slip belt over sprocket making sure the brake disc is centered between the brake pads.
- Lube drive cable (5) with suitable lubricant and install onto the speedometer drive unit (1).
- From the right side slide axle through axle adjuster, right rear fork, rear caliper bracket, brake disc, wheel (make sure both inner spacers are in wheel hub), speedometer drive unit (1) and cover (2). Position the drive tab on the speedometer drive unit (1) so that it rides between the fingers on the rotator (3) (see balloon illustration).
- Continue to slide axle through drive unit, left rear fork and axle adjuster (spacer). Install axle nut on axle (hand tight at this time). Position the speedometer drive unit so that the cable exits at the 7 O'clock position along the swing arm. Tighten axle nut to 60 ft.-lbs. and reinstall cotter pin.
- Run the speedometer cable between belt and frame along lower frame rail. Route the cable in front of lower motor mount, up left frame leg, through speedometer cable hole and attach to speedometer.
- Allowing for swing arm movement, attach the drive cable to the frame using the cable ties (8).
- Reinstall dash cover and lower motorcycle to ground.

