Performance Machine HD Trike Rear Brake Kit

Stage1 kit Fits: All Harley Trike Models

Stage2 kit Fits: All Harley Trike Models with PM 18" Trike Rear Wheels

Tools needed

1. Phillips Screw Driver
2. 1/2" Wrench
3. 3/4" Wrench
4. 9/16" Wrench
5. 3/8" Wrench
6. 17mm Wrench
7. 3/32" Allen
8. 1/4" Allen
9. 7/16" Socket Wrench
10. 3/4" Socket with Impact
11. T27 TORX Wrench
12. Pliers
13. Thread Lock Compound

1. Lift rear wheel off the ground with a suitable lift. Remove rear fender and wheel (refer to H-D manual)

2. Remove 2 bolts from stock caliper mount then slide brake caliper out and remove brake disc. Leave parking brake cable and brake caliper together on the bike.

3. Remove 4 flange nuts holding retaining plate and slide axle out from axle housing.

4. Remove stock brake bracket by removing 4 bolts and replace with supplied PM caliper bracket. Tighten 4 bolts to 40ft.lbs with red thread lock.

5. Slide axle back into housing, align the splines then tighten flange nuts to 40ft.lbs.

6. Place stock disc for Stage1 Kit or PM 11.5" disc for Stage2 Kit thru 4 studs and install PM caliper and stock caliper. Use supplied shims to locate the PM caliper properly and tighten the mounting bolts to 24ft.lbs (refer to H-D manual for stock caliper bolt).

7. Replace rear master cylinder and brake line with PM Kit. Connect brake line to PM calipers only. Drain all the brake fluid out from stock caliper and plug banjo hole. (Parking brake operates mechanically)

8. Use DOT4 brake fluid and bleed the brake system.

9. Reinstall wheel and fender

After installing the PM Trike Rear Brake Kit we strongly encourage you to do a system check of your bike.

1. While bike is still on a stand, slowly rotate wheels watching for any potential interference (disc to caliper, caliper to wheel)

2. After properly bleeding brakes, pedal feel should be firm and consistent.

3. Test at low speed, checking brakes in short intervals. Visually inspect disc and caliper before and after road testing. For the first 100 miles break in discs and pads by using light to medium braking.

Avoid unnecessary hard braking. Braking power will progressively increase with less effort as brake pads and discs break in.

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