



## PM FLH FORK LEGS



### PERFORMANCE MACHINE LIMITED WARRANTY INFORMATION

Performance Machine warrants to the original purchaser that the parts of this fork leg set to be free of manufacturing defects in materials and workmanship for a period of one (1) year from the date of purchase. In the event warranty service is required, you must call Performance Machine immediately with a description of the problem.

If it is deemed necessary for Performance Machine to make an evaluation to determine whether the part is defective, a return authorization number will be given by Performance machine. The parts must be packaged properly so as to not cause further damage and returned prepaid to Performance Machine with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem. If after the evaluation by Performance Machine the part was found to be defective it will be repaired or replaced at no cost to you. If we replace it, we may replace it with a reconditioned one of the same design.

Performance Machine shall not be held liable for any consequential or incidental damages resulting from the failure of a Performance Machine part.

Performance Machine shall have no obligation if a part becomes defective as a result of improper installation or abuse.

### IMPORTANT NOTICE

Before installing this fork leg set, read through these instructions completely; this will familiarize you with the way in which the parts fit together and the tools needed to complete the job.

The PM FLH fork legs involves alterations to your motorcycle and may void your factory warranty. PM STRONGLY recommends this installation be done by an experienced motorcycle mechanic.

### DISCLAIMER

These Performance Machine parts are designed for high performance motorcycle applications and are intended for the very experienced rider only. The installation of these Performance Machine parts may adversely effect or void your factory warranty.

1. Turn off your motorcycle and place securely on a lift or motorcycle jack. Raise the front of the bike until the front tire is slightly off the ground.
2. Remove the front wheel, fender, and unbolt the brake calipers from the factory fork legs. If installing **DUAL DISC PM FORK LEGS** with stock style brake calipers do not disconnect the brake lines. If installing **SINGLE DISC PM FORK LEGS** remove both calipers since brake line replacement will be necessary. If installing **PM DUAL OR SINGLE RADIAL BRAKE FORK LEGS** remove the brake calipers and lines, replacement will be necessary. (Refer to your HD service manual for additional instructions)



3. Remove the windscreen, outer fairing, and radio module to allow access to the fork caps. Use a 1-3/8" wrench or socket to remove the fork caps, loosen the lower triple clamp pinch bolts, and carefully slide out each fork leg assembly.





## PERFORMANCE MACHINE FLH FORK LEGS INSTALLATION (CONTINUED)

4. Carefully remove both fork legs (continued from step 3) and pour out the fork leg oil. Using an impact wrench remove the bottom bolt using a 6mm hex driver.



5. Remove the dust seal using a flat screwdriver (optional on some models). Remove the seal spring clip using a small pick. Next remove the complete fork tube, bushing, and oil seal assembly using a quick sliding motion upward.



6. PM recommends using new bushings and seals for reassembly. Install the bushing, large flat washer, and oil seal on the fork tube and install into the new PM fork leg using a seal press tool. Next install the snap ring into the groove.



7. Install the dust wiper using a seal press tool (optional). Install the lower bolt using a new crush washer (HD p/n 45405-75A) and torque to 175 in-lbs. Fill the fork tube with oil according to the HD service manual. Repeat this procedure for both legs.



7. Slide each leg carefully through the lower triple clamp and install the fork cap. Torque to 50-60 ft-lbs. Install the front fender. (Refer to your HD service manual for additional instructions). Install the front wheel using the supplied axle (9) and axle bolt (10) using a 3/4" hex driver and torque to 55 ft-lbs. Install the two 5/16" bolts (3) into the right fork leg and torque to 15 ft-lbs



CONTINUED ON PAGE 3

### CONTACT INFORMATION

Performance Machine  
6892 Marlin Circle  
La Palma, California  
90623 - USA  
Toll Free: 800-479-4037  
Direct: 714-523-3000  
Fax: 714-523-3007  
Email: [tech@performancemachine.com](mailto:tech@performancemachine.com)  
Website: [performancemachine.com](http://performancemachine.com)



## PERFORMANCE MACHINE FLH FORK LEGS INSTALLATION (CONTINUED)

8. Install the o-ring (2) onto the axle cover (13) and install onto the fork leg assembly. **Note:** a small amount of grease on the oring will help assembly.



9. Install the brake caliper(s). (Refer to your HD service manual for additional instructions).

**Disclaimer:** On single disc or radial applications new custom brake lines will be necessary. Bleed brakes if necessary.

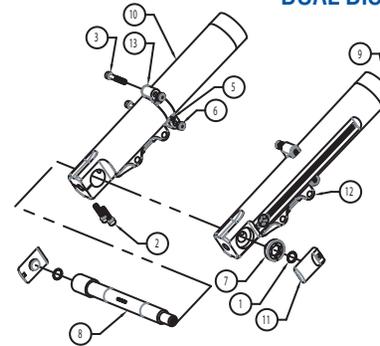


10. Hit the road.

### CONTACT INFORMATION

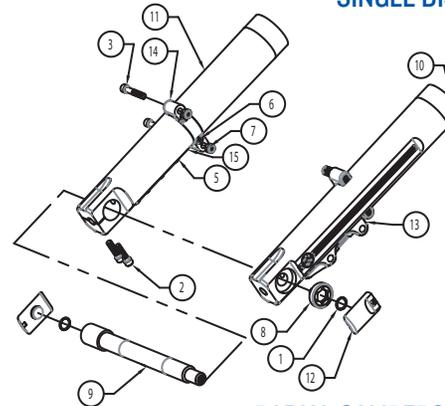
Performance Machine  
 6892 Marlin Circle  
 La Palma, California  
 90623 - USA  
 Toll Free: 800-479-4037  
 Direct: 714-523-3000  
 Fax: 714-523-3007  
 Email: tech@performancemachine.com  
 Website: performancemachine.com

### DUAL DISC STOCK STYLE CALIPERS



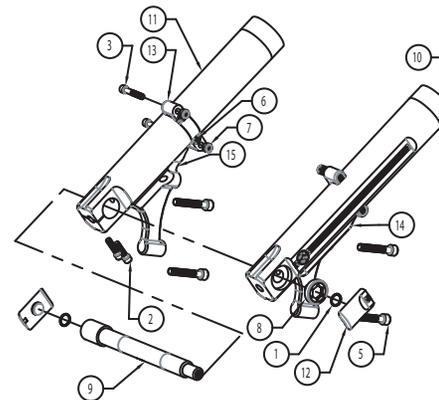
ITEM NO.	DESCRIPTION	QTY
1	O-RING 5/8 X 3/4 OD X 1/16, Dash 016, ASS568A	2
2	SHCS 5/16-18 X 1-1/4 CHROME	2
3	SHCS 5/16-18 X 1-3/4, CHROME	4
4	SHCS 5/16-18 X 3/8-CHROME	8
5	FHCS 1/4-20 X 3/4, 18-8 STAINLESS	4
6	NUT 5/16-18 ELASTIC LOCK, CHROME	4
7	AXLE BOLT, PM LOWER LEGS, FL 2000-UP	1
8	AXLE, PM FORK LEG, FL 2000-07	1
9	PM LOWER LEG LEFT, FL 2000-UP	1
10	PM LOWER LEG RIGHT, FL 2000-UP	1
11	AXLE COVER, PM LOWER LEG, FL 2000-UP	2
12	STOCK CALIPER MOUNT BRACKET, PM LOWER LEGS, FL 2000-UP	2
13	FENDER MOUNT BRACKET, PM LOWER LEGS, FL 2000-UP	2

### SINGLE DISC STOCK STYLE CALIPERS



ITEM NO.	DESCRIPTION	QTY
1	O-RING 5/8 X 3/4 OD X 1/16, Dash 016, ASS568A	2
2	SHCS 5/16-18 X 1-1/4 CHROME	2
3	SHCS 5/16-18 X 1-3/4, CHROME	4
4	SHCS 5/16-18 X 3/8-CHROME	4
5	BHCS 5/16-18 X 3/8	4
6	FHCS 1/4-20 X 3/4, 18-8 STAINLESS	4
7	NUT 5/16-18 ELASTIC LOCK, CHROME	4
8	AXLE BOLT, PM LOWER LEGS, FL 2000-UP	1
9	AXLE, PM FORK LEG, FL 2000-07	1
10	PM LOWER LEG LEFT, FL 2000-UP	1
11	PM LOWER LEG RIGHT, FL 2000-UP	1
12	AXLE COVER, PM LOWER LEG, FL 2000-UP	2
13	STOCK CALIPER MOUNT BRACKET, PM LOWER LEGS, FL 2000-UP	1
14	FENDER MOUNT BRACKET, PM LOWER LEGS, FL 2000-UP	2
15	CALIPER MOUNT BLOCK OFF PLATE, PM LOWER LEGS, FL 2000-UP	1

### RADIAL CALIPERS: AVAILABLE IN DUAL AND SINGLE



ITEM NO.	DESCRIPTION	QTY.
1	O-RING 5/8 X 3/4 OD X 1/16, Dash 016, ASS568A	2
2	SHCS 5/16-18 X 1-1/4 CHROME	2
3	SHCS 5/16-18 X 1-3/4, CHROME	4
4	SHCS 5/16-18 X 3/8-CHROME	8
5	SHCS M10 X 1.25 X 60mm, CHROME	4
6	FHCS 1/4-20 X 3/4, 18-8 STAINLESS	4
7	NUT 5/16-18 ELASTIC LOCK, CHROME	4
8	AXLE BOLT, PM LOWER LEGS, FL 2000-UP	1
9	AXLE, PM FORK LEG, FL 2000-07	1
10	PM LOWER LEG LEFT, FL 2000-UP	1
11	PM LOWER LEG RIGHT, FL 2000-UP	1
12	AXLE COVER, PM LOWER LEG, FL 2000-UP	2
13	FENDER MOUNT BRACKET, PM LOWER LEGS, FL 2000-UP	2
14	RADIAL CALIPER MOUNT BRACKET, LEFT, FL 2000-UP	1
15	RADIAL CALIPER MOUNT BRACKET, RIGHT, FL 2000-UP	1