

V-Twin Mfg.
Swing Arm Kit W/Spherical Bearings
Fits 1982-2002 FLT & FXR
VT No. 44-0941

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Instillation Instructions:

1. Refer to the HD service manual for removal or the swing arm and Cleve blocks.
2. Press one or the spherical bearings (C) onto one bearing bearing sleeve (D). It is important to press only on the bearing inner race to not damage the bearing. The bearing must be all the way onto the sleeve so it contacts the shoulder. Repeat for the other bearing and sleeve.
3. Clean the swing arm housing using a degreaser and clean the spherical bearing outer races with the degreaser.
4. Insert one spacer (B) into inner seal (A) and push the two pieces into one side or the swing arm.
5. Coat the outer race of one spherical bearing with red loctite and start it into the side of the swing arm housing as shown where the inner seal was positioned. Press the bearing and sleeve assembly into the swing arm housing using a hydraulic or arbor press. The outside face of the sleeve must be flush with the outside surface of the swing arm housing as shown in figure 2.
6. Allow the loctite to cure for two hours before proceeding. This will insure that the bearing does not move during swing arm instillation and that proper center alignment is maintained.
7. Coat the Outer race of the second spherical bearing with Loctite and press it into the swing arm housing as was done in step 5.
8. Immediately install the swing arm onto the transmission before the Loctite is cured so that the hearing can move to it's exact proper position when the pivot shaft is tightened.
9. Install the plastic washers (E). rubber mounts (F). pivot shaft (J). cup washer (G). lock nut (H) and swing arm brackets (K). Refer to the HD manual for the proper installation.

Parts List:

Item	Description	Qty	Item	Description	Qty	Item	Description	Qty	Item	Description	Qty
A	Plastic Ring	2	D	Bearing sleeve	2	G	Cup washer	2	J	Pivot shaft	1
B	Spacer sleeve	2	E	Nylon Washer	2	H	Nut	2	K	Swing arm bracket	Not Inc
C	Bearing	2	F	Rubber Mount	2	I	Swing arm	Not Inc			

