



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR TOOL No.96780-32A

PISTON PIN KEEPER TOOL USE ON BIG TWIN 1932-72

Refer to H-D® Service Manual for specifications.

This tool is necessary when installing and removing split lock ring over wrist pins.



Installing Piston Pin Lock Ring

1. Lube mandrel #1 at large tapered end, slip new lock ring with large flat side started up the taper first.
2. With wrist pin facing up (the unnotched end up) and groove in wrist pin clean and burr free.
3. Slip the long notched end of mandrel #1 through wrist pin with shoulder firmly against wrist pin.
4. With sleeve #2 force split ring into piston pin groove, make sure split is firmly seated in groove.
5. Install lubed wrist pin through piston and rod.
6. Load split ring as in #1 above. Following line #3 and #4 above.

CAUTION: Make sure wrist pin has the right amount of end play between the two split rings.

Removing Piston Pin Lock Ring

1. Insert mandrel No.1 through wrist pin so that the notch on the end lines up with the slot in the wrist pin.
2. Using a small screwdriver, pry against flat notch of mandrel through slot in wrist pin to remove lock ring.

CAUTION: Do not re-use lock rings.

PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	MANDREL	96780-32A-1
2	1	SLEEVE	96780-32A-2

555 DAWSON DRIVE, CAMARILLO, CA 93012 • PHONE 805-482-6913 • FAX 805-482-9224



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR TOOL No.96780-32A

PISTON PIN KEEPER TOOL USE ON BIG TWIN 1932-72

Refer to H-D® Service Manual for specifications.

This tool is necessary when installing and removing split lock ring over wrist pins.



Installing Piston Pin Lock Ring

1. Lube mandrel #1 at large tapered end, slip new lock ring with large flat side started up the taper first.
2. With wrist pin facing up (the unnotched end up) and groove in wrist pin clean and burr free.
3. Slip the long notched end of mandrel #1 through wrist pin with shoulder firmly against wrist pin.
4. With sleeve #2 force split ring into piston pin groove, make sure split is firmly seated in groove.
5. Install lubed wrist pin through piston and rod.
6. Load split ring as in #1 above. Following line #3 and #4 above.

CAUTION: Make sure wrist pin has the right amount of end play between the two split rings.

Removing Piston Pin Lock Ring

1. Insert mandrel No.1 through wrist pin so that the notch on the end lines up with the slot in the wrist pin.
2. Using a small screwdriver, pry against flat notch of mandrel through slot in wrist pin to remove lock ring.

CAUTION: Do not re-use lock rings.

PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	MANDREL	96780-32A-1
2	1	SLEEVE	96780-32A-2

555 DAWSON DRIVE, CAMARILLO, CA 93012 • PHONE 805-482-6913 • FAX 805-482-9224