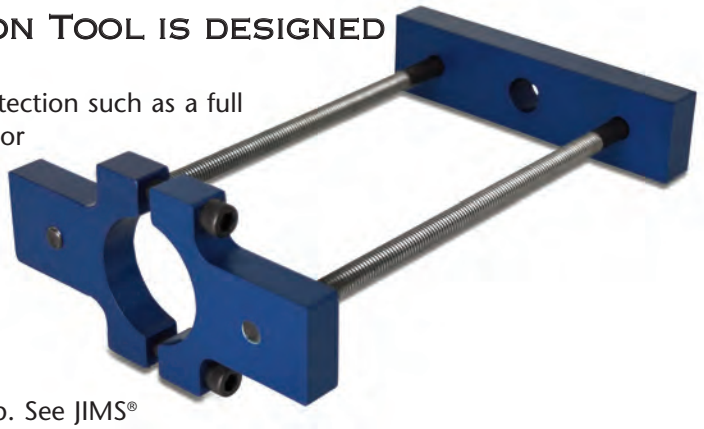
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Instruction Sheet For Tool No. 5821

JIMS® No. 5821 Fork Cap Installation Tool is designed for use on 49mm Fork Tubes



Note: Always wear safety glasses or other face and eye protection such as a full face shield. JIMS is not responsible for damage, injury, or your work. JIMS cannot be held liable for the quality and safety of your work.

OTHER TOOLS REQUIRED

• 19mm Allen socket JIMS No. 5827

FORK CAP REMOVAL INSTRUCTIONS

1. Refer to H-D® Service Manual for removal of the Fork Cap. See JIMS® catalog or view online at www.jimsusa.com for other tools that may assist in this procedure.
2. Assemble lower halves (No. **5821-2** and No. **5812-3**) loosely onto the fork tube below the top triple clamp. Insert and hand tighten the two No. **2019** 2-1/2" Socket Head Cap Screws (SHCS) loosely so the assembly can still move. Slide the assembly upward until the triple clamp is contacted. Ensure that the two threaded holes on the tops of the clamps are not obstructed and snug up the two SHCS evenly to prevent binding.
3. Insert a 1/2" socket extension through No. **5821-1** and No. **2126**. Attach the Allen socket, JIMS No. 5827 (sold separately), to the extension. Slide the two No. **5821-4** 10 inch bolts through the holes on the No. **5821-1** and start into the two threaded holes on the lower clamps. Run the bolts down with either an air ratchet or by hand until contact is made with the fork cap. Snug the bolts down slowly and evenly by hand.
4. Fit the Allen drive into the top of the fork cap and slowly turn counter clockwise. Back off the No. **5821-4** bolts slowly and evenly along with the fork cap until the fork cap is loose from the fork tube.
5. Back off the two No. **5821-4** bolts slowly until spring pressure is removed.
6. Disassemble the No. **5821** as required.

FORK CAP THREAD ALIGNMENT PROCEDURE

To assemble without cross threading the fork cap threads it is necessary to locate and mark the position where the threads between the cap and fork tube begin to engage.

1. With the spring spacer removed from the tube, install the Fork Cap and rotate **counter** clockwise until you feel and/or hear the thread drop. Mark both cap and tube.
2. Rotate clockwise to ensure the cap begins to engage the threads at the marked position.
3. Repeat this procedure several times to ensure the cap engages correctly at the marked position.

Failure to correctly identify and mark the thread start point may result in cross threaded or damaged components.

FORK CAP INSTALLATION INSTRUCTIONS

1. Refer to H-D Service Manual for installation of the Fork Cap. See JIMS catalog or view online at www.jimsusa.com for other tools that may assist in this procedure.
2. Assemble lower halves (No. **5821-2** and No. **5812-3**) loosely onto the fork tube below the top triple clamp. Insert and hand tighten the two No. **2019** 2-1/2" Socket Head Cap Screws (SHCS) loosely so the assembly can still move. Slide the assembly upward until the triple clamp is contacted. Ensure that the two threaded holes on the tops of the clamps are not obstructed and snug up the two SHCS evenly to prevent binding.
3. Insert a 1/2" socket extension through No. **5821-1** and No. **2126**. Attach the Allen socket JIMS No. 5827 (sold

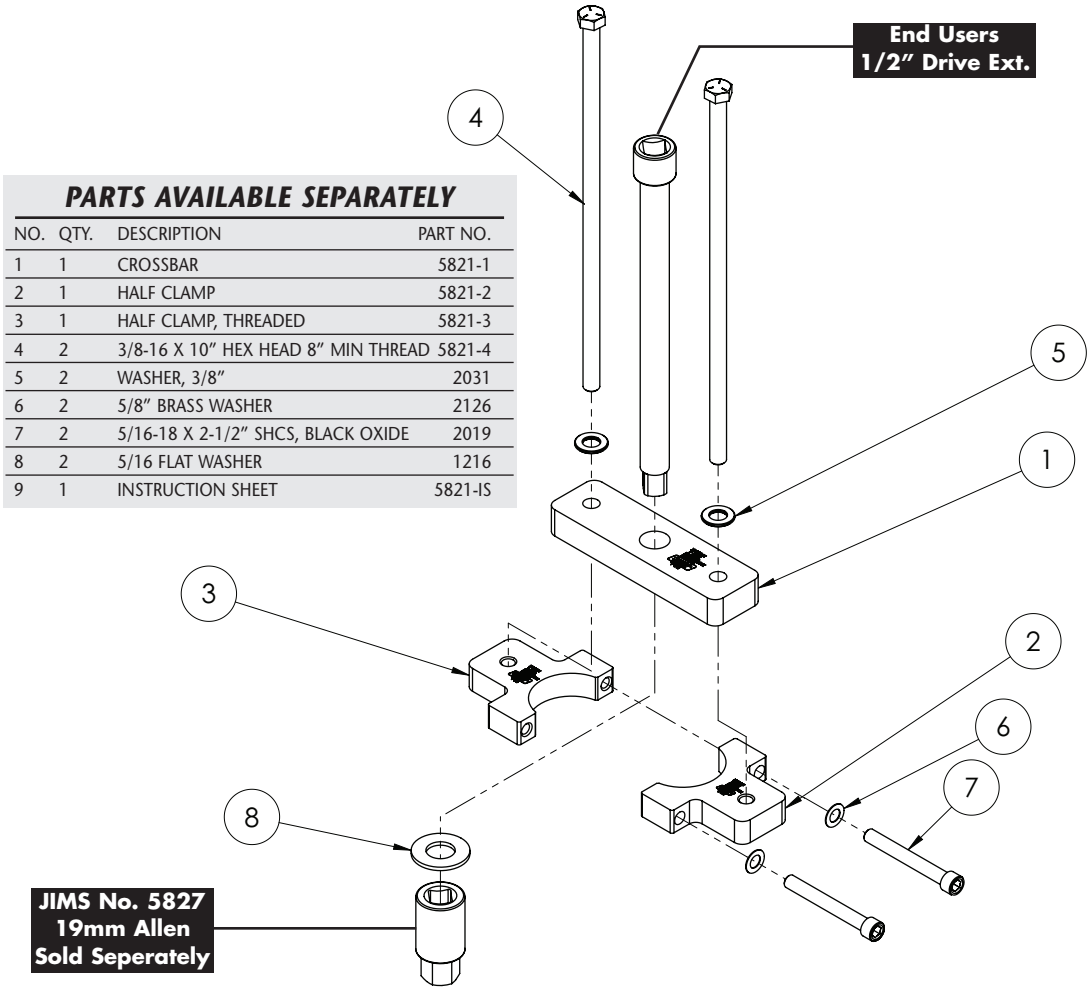
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Instruction Sheet For Tool No. 5821

separately) to the extension. Slide the two No. **5821-4** 10 inch bolts through the holes on the No. **5821-1** and start into the two threaded holes on the lower clamps. Run the bolts down with either an air ratchet or by hand until near the end of the fork tube.

4. Place Fork Cap onto Allen socket and slowly hand tighten the No. **5821-4** bolts simultaneously until the spring is compressed and the fork cap threads are inside of fork tube.
5. Continue tightening of the No. **5821-4** bolts by hand only until snug.
6. Turn 1/2" ratchet counter clockwise until you line up the marks on tube and cap (loosen the No. **5821-4** bolts slightly if you cannot turn the cap).
7. Slowly turn the 1/2" ratchet clockwise. Make sure the threads engage and the cap should begin to tighten. The No. **5821-4** bolts will begin to loosen when this happens. Tighten cap and torque to the specification listed in the H-D Service Manual.

DO NOT force the fork tube cap! Forcing the threads will result in damage to the cap, fork tube or both! It is highly recommended to watch the video on the JIMS YouTube channel prior to using this tool.



PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	CROSSBAR	5821-1
2	1	HALF CLAMP	5821-2
3	1	HALF CLAMP, THREADED	5821-3
4	2	3/8-16 X 10" HEX HEAD 8" MIN THREAD	5821-4
5	2	WASHER, 3/8"	2031
6	2	5/8" BRASS WASHER	2126
7	2	5/16-18 X 2-1/2" SHCS, BLACK OXIDE	2019
8	2	5/16 FLAT WASHER	1216
9	1	INSTRUCTION SHEET	5821-IS