

Hammonds 800-2L Injection System Manual

NOTE: MARK STROKE SETTING BEFORE REMOVING ANY PART

1 REMOVE LOCK SCREW

2 REMOVE ADJUSTMENT KNOB

3 REMOVE STROKE INDICATOR PLATE AND CAM GUIDE / COVER

4 REMOVE SCREWS HOLDING FLUID END. REMOVE FLUID END.

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5 PRESS DIAL KNOB BACK ON AND ROTATE COUNTER CLOCKWISE UNTIL DIAPHRAGM HAS CLEARED SURFACE OF ADAPTER RING AND CROSSHEAD HAS CLEARED DRIVE BEARING.

6 REMOVE SNAP RING

7 SLIDE DRIVE BEARING OFF

8 UNSCREW OLD DIAPHRAGM

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9 WITH DIAL SET IN SAME COUNTER CLOCKWISE (FULL OUT) POSITION, INSTALL NEW DIAPHRAGM, THREADING INTO CROSSHEAD ALL THE WAY. DO NOT OVER-TIGHTEN!

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*WARNING:
FAILURE TO TORQUE SCREWS PROPERLY TO 40 IN. LBS. WILL REDUCE PUMP HEAD PERFORMANCE, RESULTING IN INSUFFICIENT INJECTION RATIO.

10 ROTATE DIAL FULLY IN OPPOSITE DIRECTION (CLOCKWISE) BRINGING DIAPHRAGM AT REST AGAINST ADAPTER RING.

11 REINSTALL SCREWS, TAKING EACH ONE DOWN BY HAND UNTIL IT STOPS. TIGHTEN SCREWS TO 40 IN.LBS. *IN THE ORDER SHOWN BELOW. TORQUE EACH SCREW IN THE PATTERN, THEN REPEAT THE TORQUE SEQUENCE ONLY ONCE!

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WARNING!
FAILURE TO FOLLOW THIS PROCEDURE WILL RESULT IN POOR PUMP PERFORMANCE WITH DIAPHRAGM DEFORMATION AND PREMATURE FAILURE.

12 ROTATE DIAL COUNTER CLOCKWISE ENOUGH TO INSTALL DRIVE BEARING. INSTALL SNAP RING.

13 REMOVE DIAL KNOB. REINSTALL CAM GUIDE / COVER AND STROKE INDICATOR PLATE. REINSTALL ADJUSTMENT KNOB AND POSITION IT ON ORIGINAL % SETTING. INSTALL LOCK SCREW, LOCK DIAL IN PLACE.

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NOTE: AFTER THIS PROCEDURE IS COMPLETE, YOU MUST RECALIBRATE THE INJECTOR TO YOUR SPECIFICATIONS.

FOR TECHNICAL ASSISTANCE CALL
HAMMONDS TECH. SVCS.
(281) 988-2800

HAMMONDS TECHNICAL SERVICES, INC.

SCALE	NTS	APPROVED PART NUMBER		DRAWN BY	SS
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HEAVY DUTY PUMP SERIES				DRAWING NUMBER 1461-1	

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