



Cla-Val 347GF Nozzle Maintenance Training





Model 347GF Nozzle



Table of Contents

Part 1 – Slide 4

Changing the Nose Seal

Part 2 – Slide 28

Changing the Crank
Shift Seals



Changing the NOSE SEAL



29912-01B Nose Seal



Disassembled Adapter as Tool





Make Your Own by Adding a Handle to the Adapter



Put Adapter Tool over Nose Seal





Press Adapter Tool In & Turn Clockwise





Rotate Operating Lever to Extend Position





Locate Drilled Hole through Poppet





Insert Phillips Screw Driver into Hole → Use 7/8 Wrench on Hex Poppet Filling





Loosen Poppet from Poppet Fitting





Un-screw Poppet from Poppet Fitting





Close Operating Lever & Remove Adapter Tool





Pull Nose Seal from Interlock or Pry it Out With a Screwdriver





Remove Thin 00737H O-Ring → Install New O-Ring



Place the New Nose Seal into Place





Press Nose Seal down through O-Ring





Put Adapter Tool Back into Nozzle & Rotate





Rotate Operating Lever to Extend Stem





Thread Poppet Back onto Poppet Fitting





Tighten Poppet and Poppet Fitting Together





Remove Tools





Rotate Operating Lever to Close Poppet -> Rotate Adapter Tool and Remove





PART 1 COMPLETE



Changing the Crank Shaft Seals

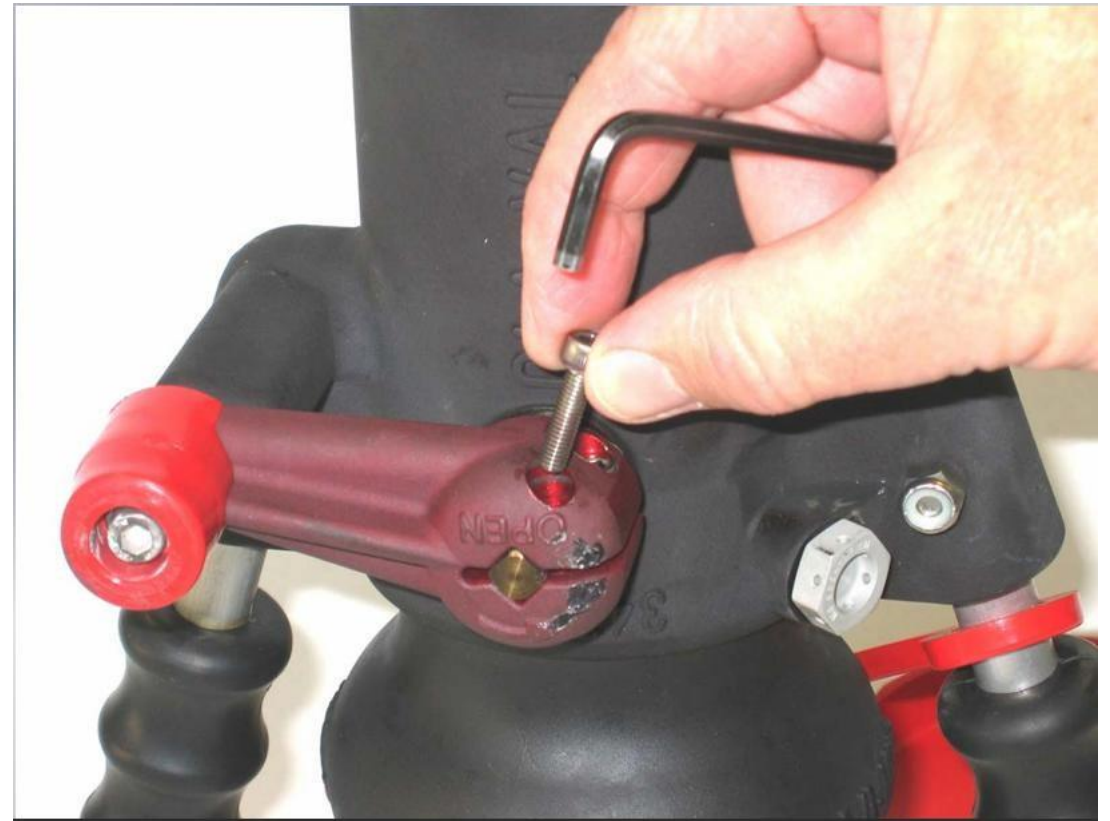


Stand Nozzle on Work Surface





Remover Outer Screw with 5/32 Hex Key





Only LOOSEN the Inner Screw – DO NOT REMOVE





Insert and Rotate Adapter Tool





Rotate Operating Lever to Release Linkage Tension → Pull Operating Lever off Crank Shaft





Use a 1" Wrench to Remove the Bushing





**Extract 01129G O-Ring from Crank Shaft or Bushing →
Leave the 71988-38A Washer on Crank Shaft**





Place Both New O-Rings onto/into Bushing → Push the Bushing Onto the Crank Shaft





Torque down the Crank Shaft Bushing





Locate Notch in the Crank Shaft End → Outer Screw of Op. Lever will Pass Through Notch





Push Operating Lever onto Crank Shaft and Install Outer Screw





Torque Screws Evenly



Rotate Operating Lever to Closed Position



Remove Adapter Tool





PART 2 COMPLETE



Cla-Val 347GF Nozzle Maintenance Training

