

Damping Adj Part: Coupler, LSC, Grip2

Retaining Ring: Wire [1.280 OD X .024 CS] SS

Seals: O-Ring [3.0MM ID x 1.5MM CS] Metric, N-70, Static

Damping Adj Part: HSC Coupler, GripX2

Seals: O-Ring [5.0MM ID x 1.5MM CS] Metric, N-90, Static

IMPORTANT:
ENSURE RETAINING RING
IS FULLY SEATED IN GROOVE

Topcap

IMPORTANT:
ENSURE SPRING SNAPS ON MATING
PART (FULLY SEATED) BOTH ENDS

O-RING, TOPCAP

IMPORTANT:
INSTALL O-RING DRY (NO GREASE)

IMPORTANT:
HARD STOP - SHAFT / TOPCAP
NO GAP

Shaft, HSC

Needle, LSC

DETAIL Z
SCALE 3:1Seals: O-Ring [20.0mm ID x
2.0mm CS] Metric, N-70, Static

Fastener Custom: Pin, M4x0.5, Grip2 BV

TORQUE:
2X 2.5±.5 in-lb*

2X Valve: Metric [12.8MM OD x 10.0MM
ID x 0.64MM TH]2X Valve: Metric [18.0MM OD x 10.0MM
ID x 0.15MM TH]

IMPORTANT:
DO NOT PINCH COMPRESSION VALVES
CHECK FUNCTION AFTER ASSY

IMPORTANT:
PISTON ORIENTATION
SMALL PORTS TOWARDS COMPRESSION VALVES

IMPORTANT:
DO NOT PINCH CHECK VALVE
CHECK FUNCTION AFTER ASSY

TORQUE:
17±2 in-lb*

WHEN PRESSING SHAFT TO TOPCAP,
PRESS ON THIS SURFACE ONLY *Seals: O-Ring [(-011) .070 C.S. X .301 ID]
Standard, N-70, Static

Piston: Floating: 24mm Bore, 2024 Grip3

Damping Adj Part: Valve, LSC, 2025 Grip X

Damping Adj Part: HSC Adjust, Hat, 2025 GRIP X

Valve: Metric [10.1mm ID X 15.0mm OD X 0.10 TH]

Spring: Wave [0.375 ID X 0.260 TLG X 145 lb/in 2.5 Waves], SS

Spring Perch, 2025 Grip X, Med

Valve: Metric [13.0mm ID X 15.8mm OD X 0.80 TH]

820-03-728-KIT

Valve Stack Assy: 2025 GRIP X, Compression Firm, CF
Piston, Damping, BV, 2-Wing, 2025 GRIP X, CNC, 24 Bore

Seals: O-Ring [21.0 MM ID x 1.5 MM CS] Metric, N-70, Static

Valve: [.800 OD X .330 ID X .010 THK] Custom, Check

Spring: Conical, LIVE Shock, Check [.25TLG, 1.75 lbf/in, .32in ID X .65in OD], 302 SS

Fastener, Custom (Metric): Bolt, Piston,
[.25-48 X 9.4mm TLG], 2024 Grip3DETAIL Y
SCALE 3:1

SEE DETAIL Z

Spring, IFP

Compression Damper Shaft

SEE DETAIL Y

SECTION A-A

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TITLE
2026 36SL 140, GRIP X, Topcap Assy

SIZE DWG. NO. **820-05-807-KIT**

PLOT SCALE 1.5:1 SHEET 1 OF 3