

FOX



FOX FACTORY

Good luck and good racing,

OFFROAD RACE



OFFROAD RACE

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At FOX, we race to win. Race results and championships don't lie; our domination of professional racing speaks for itself. FOX engineers and our shock-tuning gurus work countless hours with fearless athletes who endlessly push the boundaries of vehicle performance in their quest for more speed. FOX Offroad shocks endure punishing use in brutal conditions by the fastest drivers on the planet, so we can provide you with the very best. Our line of performance Offroad racing shocks includes many innovative damping solutions to fill your needs. Each design is constructed from the highest quality materials and engineered for all-out performance to put you miles ahead of the rest. Gain a performance edge to leave your competition in the dust with our race-proven performance damping technology.

FACTORY SERIES

COIL-OVER

Factory Series coil-over shocks are the foundation of a race-winning suspension. They epitomize efficiency by combining our race-proven damping technology with a means to suspend the vehicle in one easy-to-mount assembly. Regardless of whether you are flying high over the desert or struggling to stick to a rock face on an off-camber climb, our coil-overs will give you the damping performance, [suspension control](#) and proper spring rate to get the job done. They come in several rock-solid configurations that will fit your application perfectly.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated for a long-lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- PISTON** 7075 hard-anodized high-flow aluminum piston*
- VALVING** Tunable, velocity sensitive deburred valve shims
- HOSE** Reusable ORB O-ring port hose fittings for superior seal with remote reservoirs
- SEALS** High-temp Viton® redundant sealing pack system with main seal, wiper seal and scraper seal*
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- SHAFTS** 7/8" 17-4 H900 hard chrome plated stainless steel, hard chrome plated*
- BEARING** Spherical, PTFE-lined, heat-treated alloy steel
- ADJUSTMENTS**
 - » RRB (Rotating Reservoir Bridge)
 - » Spring preload ring
 - » Dual stage crossover ring
 - » Compression valving
 - » Rebound valving
 - » Optional DSC Adjuster

*Excludes 2.0 with 5/8 shaft

3.0 REMOTE

OFFROAD RACING SHAFT uses the finest 17-4 H900 stainless steel with hard chrome finish for one of the strongest and toughest shaft materials available.

CLOTH BRAIDED STEEL high-flow -10 hose allows faster wheel movement and features reusable high-flow fittings.

HIGH-TEMP VITON® SEALS are designed to sustain temperatures of up to 400 °F.



2.5 INTERNAL BYPASS

COIL-OVER WITH INTERNAL BYPASS does it all. Position-sensitive internal-bypass control in a coil-over body. For classes that mandate a single shock per wheel or anyone who wants it all. Provides bypass damping and suspends the vehicle in a compact lightweight package.

ROTATING RESERVOIR BRIDGE (RRB) technology allows quick and easy positioning of the shock reservoir with a spanner wrench to achieve optimal chassis clearance.

COIL-OVER

BYPASS

SMOOTH BODY

AIR SHOCKS

BUMP STOP

ACCESSORIES

PERFORMANCE SERIES

COIL-OVER

Offroad Performance Series coil-over shocks take advantage of our tried and-true coil-over design and incorporates features like rubber braided steel hoses with high-flow fittings for improved durability and performance. Pinch-bolt spring preload rings allow easy ride height and preload adjustment and retain the top quality racing coil selected to deliver your optimal spring rate. Our

Offroad Performance Series coil-over shocks will suspend your vehicles weight and provide our race-proven, performance damping technology to tame the toughest terrain. If you are looking for a comfortable ride and predictable offroad handling, look no further.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated for a long-lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- SPRING** Application specific adjustable 3.0" racing spring
- PISTON** Race developed high flow design
- VALVING** Tunable, velocity sensitive deburred valve shims
- SEALS** Redundant sealing pack system, main seal, wiper seal, scraper seal
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- SHAFT** 7/8" hard chrome plated, heat-treated alloy steel
- BEARING** Spherical, PTFE-lined, heat-treated alloy steel
- ADJUSTMENTS**
 - » Spring preload ring
 - » Dual stage crossover ring
 - » Compression valving
 - » Rebound valving
 - » Optional DSC Adjuster



2.5 REMOTE

REMOTE RESERVOIR allows additional fluid capacity and further enhances cooling.

RUBBER BRAIDED STEEL high pressure -8 hose is extremely durable and features high-flow crimped fittings.

REPLACEABLE SPHERICAL BEARINGS are PTFE-lined and heat-treated alloy steel. They provide a firm attachment and long wear in brutal offroad conditions.

OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate high-speed and ten low-speed compression levels.

COIL-OVER

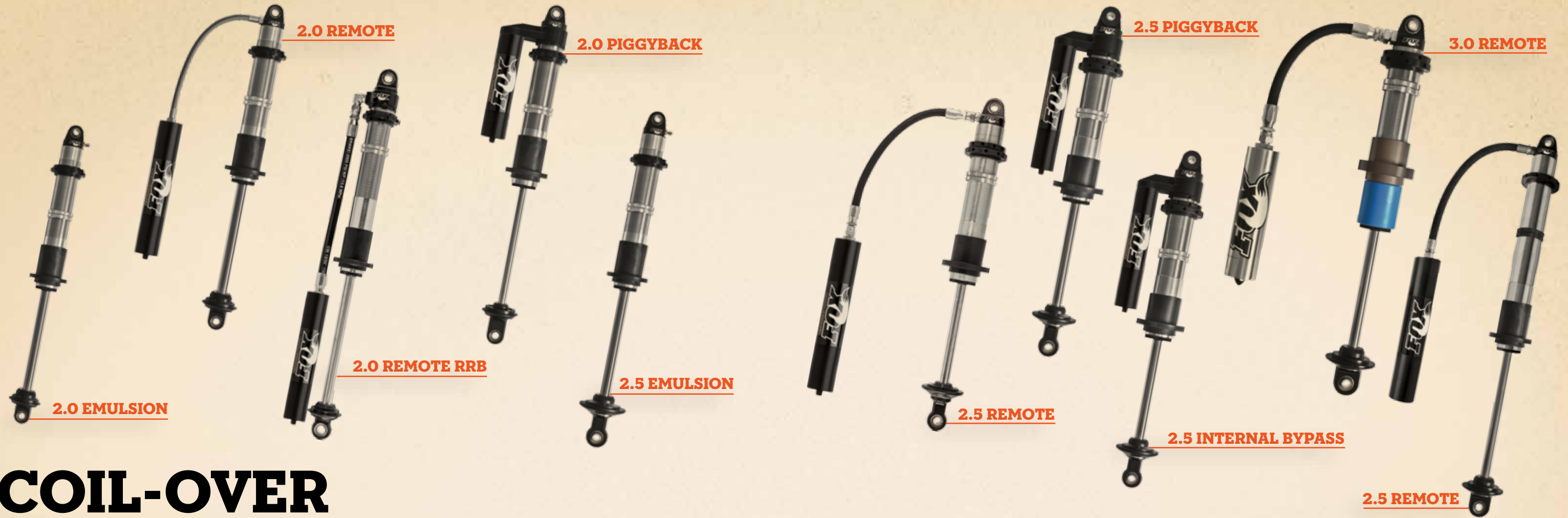
BYPASS

SMOOTH BODY

AIR SHOCKS

BUMP STOP

ACCESSORIES



COIL-OVER

MODEL FEATURES

FACTORY SERIES

2.0 EMULSION	2.0 REMOTE	2.0 REMOTE RRB	2.0 PIGGYBACK	2.5 EMULSION
OPTIONS				
1-1/2" mounting width spacers Multiple eyelet mounting lengths -10 Hiems, select travel lengths High-temp Viton® seals Stainless Steel Shaft High or low flow piston	1-1/2" mounting width spacers Multiple eyelet mounting lengths -10 Hiems, select travel lengths High-temp Viton® seals Stainless Steel Shaft High or low flow piston LSC Adjuster DSC Adjuster	1-1/2" mounting width spacers Multiple eyelet mounting lengths -10 Hiems, select travel lengths High-temp Viton® seals Stainless Steel Shaft High or low flow piston LSC Adjuster DSC Adjuster	1-1/2" mounting width spacers Multiple eyelet mounting lengths -10 Hiems, select travel lengths High-temp Viton® seals Stainless Steel Shaft High or low flow piston	1-1/4" mounting width spacers Multiple eyelet mounting lengths High-temp Viton® seals. High or low flow piston
SPRING				
2.5" I.D.	2.5" I.D.	2.5" I.D.	2.5" I.D.	3.0" I.D.
SHAFT TRAVEL				
5/8" 3.5, 5.0, 6.5, 8.5, 10.0	5/8" 3.5, 5.0, 6.5, 8.5, 10.0	5/8" 3.5, 5.0, 6.5, 8.5, 10.0	5/8" 3.5, 5.0, 6.5, 8.5, 10.0	5/8" 3.5, 5.0, 6.5, 8.5, 10.0
7/8" 10.0, 12.0, 14.0, 16.0, 18.0	7/8" 10.0, 12.0, 14.0, 16.0, 18.0	7/8" 10.0, 12.0, 14.0, 16.0, 18.0	7/8" 10.0, 12.0, 14.0, 16.0, 18.0	7/8" 8.0, 10.0, 12.0, 14.0, 16.0

2.5 REMOTE	2.5 PIGGYBACK	2.5 INTERNAL BYPASS	3.0 REMOTE	2.5 REMOTE
OPTIONS				
1-1/4" mounting width spacers Multiple eyelet mounting lengths High-temp Viton® seals DSC Adjuster Reservoir hose fittings and lengths High or low flow piston	1-1/4" mounting width spacers Multiple eyelet mounting lengths High or low flow piston	1-1/4" mounting width spacers Multiple eyelet mounting lengths High or low flow piston	Multiple eyelet mounting lengths -12 Hiems, select travel lengths Reservoir hose fittings and lengths High or low flow piston	DSC Adjuster
SPRING				
3.0" I.D.	3.0" I.D.	3.0" I.D.	3.75" I.D.	3.0" I.D.
SHAFT TRAVEL				
7/8" 8.0, 10.0, 12.0, 14.0, 16.0	7/8" 8.0, 10.0, 12.0, 14.0, 16.0	7/8" 10.0, 12.0, 14.0, 16.0	1" 12.0, 14.0, 16.0	7/8" 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0

COIL-OVER

BYPASS

SMOOTH BODY

AIR SHOCKS

BUMP STOP

ACCESSORIES

HOW TO USE APPLICATION GUIDE

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH	PRICE
2.0 COIL-OVER							
2.0 FACTORY SERIES COIL-OVER REMOTE RESERVOIR - 5/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-042	FOX 2.0 X 3.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	13.100	9.600	2.0 X 8.0	-5 X 12.0	1/2 X 1.250	\$289.95
980-02-040	FOX 2.0 X 5.0 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	16.420	11.420	2.0 X 8.0	-5 X 12.0	1/2 X 1.250	\$289.95
980-02-006	FOX 2.0 X 6.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60			2.0 X 8.0			

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|---|--|
| <p>1 BODY DIAMETER</p> <p>2 TRAVEL LENGTH ROUNDED UP TO NEAREST 1/2 INCH</p> <p>3 DIAMETER, SERIES, TYPE, AND RESERVOIR STYLE</p> <p>4 VALVING</p> <p>5 EXTENDED LENGTH MEASURED FROM THE CENTER OF THE TOP AND BOTTOM SHOCK MOUNTING POINTS</p> | <p>6 COLLAPSED LENGTH MEASURED FROM THE CENTER OF THE TOP AND BOTTOM SHOCK MOUNTING POINTS</p> <p>7 RESERVOIR DIAMETER / RESERVOIR LENGTH</p> <p>8 REMOTE RESERVOIR HOSE DIAMETER / REMOTE RESERVOIR HOSE LENGTH</p> <p>9 MOUNTING BOLT DIAMETER / MOUNTING TAB WIDTH</p> <p>10 MANUFACTURER'S SUGGESTED RETAIL PRICE</p> |
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HOW TO MEASURE EXTENDED, COLLAPSED, & TRAVEL LENGTHS

NOTE: BE SURE TO TAKE INTO CONSIDERATION PIVOT ANGLES OF CV AXLES, DRIVESHAFT, SUSPENSION, AND STEERING COMPONENTS ON BOTH EXTENDED AND COLLAPSED SUSPENSION CYCLES. A LIMIT STRAP AND BUMP STOPS SHOULD BE USED TO LIMIT THE SUSPENSION TRAVEL, NOT THE SHOCK.

STEP 1 (MEASUREMENTS)

EXTENDED (EXT) - SECURE THE FRAME WITH JACK STANDS OR LIFT. REMOVE SHOCKS AND SPRINGS FROM VEHICLE ALLOWING THE SUSPENSION COMPONENTS TO DROP DOWN. ONCE THE DESIRED EXTENDED LENGTH OF THE SUSPENSION TRAVEL IS SET, MEASURE FROM THE CENTER OF THE TOP AND BOTTOM SHOCK MOUNTING POINTS. THIS MEASUREMENT IS YOUR EXTENDED TRAVEL LENGTH.

COLLAPSED (COL) - SECURE THE FRAME WITH JACK STANDS OR LIFT. REMOVE SHOCKS AND SPRINGS FROM VEHICLE. USING A JACK TO COMPRESS THE SUSPENSION TRAVEL TO FULL BOTTOM OUT INCLUDING THE BUMP STOP. MEASURE FROM THE CENTER OF THE TOP AND BOTTOM SHOCK EYELET MOUNTING POINTS. THIS MEASUREMENT IS YOUR COLLAPSED TRAVEL LENGTH.

STEP 2 (TRAVEL)

DETERMINE YOUR REQUIRED SHOCK TRAVEL BY SUBTRACTING THE COLLAPSED LENGTH FROM THE EXTENDED LENGTH. THIS MEASUREMENT IS YOUR TRAVEL LENGTH.

STEP 3 (SELECTING PRODUCT)

USE THE TRAVEL LENGTH TO BEGIN TO NARROW DOWN THE REQUIRED SHOCK FOR THE VEHICLE.

LIMIT STRAP LENGTH SHOULD BE CHANGED TO ACHIEVE THE REQUIRED EXTENDED LENGTH OF THE SELECTED SHOCK.

OPTIONAL SHAFT EYELETS CAN BE PURCHASED TO SLIGHTLY INCREASE OR DECREASE SHOCKS EXTENDED AND COLLAPSED LENGTHS.

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH
2.0 COIL-OVER						
2.0 FACTORY SERIES COIL-OVER EMULSION - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-041	FOX 2.0 X 3.5 COIL-OVER EMULSION SHOCK 40/60	13.100	9.600	-	-	1/2 X 1.250
980-02-000	FOX 2.0 X 5.0 COIL-OVER EMULSION SHOCK 40/60	16.420	11.420	-	-	1/2 X 1.250
980-02-001	FOX 2.0 X 6.5 COIL-OVER EMULSION SHOCK 40/60	19.350	12.850	-	-	1/2 X 1.250
980-02-002	FOX 2.0 X 8.5 COIL-OVER EMULSION SHOCK 40/60	23.350	14.850	-	-	1/2 X 1.250
980-02-004	FOX 2.0 X 10.0 COIL-OVER EMULSION SHOCK 40/60	26.650	16.650	-	-	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER EMULSION - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-007	FOX 2.0 X 10.0 COIL-OVER EMULSION 7/8" SHAFT SHOCK 50/70	26.100	16.100	-	-	1/2 X 1.250
980-02-009	FOX 2.0 X 12.0 COIL-OVER EMULSION 7/8" SHAFT SHOCK 50/70	31.100	19.100	-	-	1/2 X 1.250
980-02-011	FOX 2.0 X 14.0 COIL-OVER EMULSION 7/8" SHAFT SHOCK 50/70	35.100	21.100	-	-	1/2 X 1.250
980-02-057	FOX 2.0 X 16.0 COIL-OVER EMULSION 7/8" SHAFT SHOCK 50/70	40.100	24.100	-	-	1/2 X 1.250
980-02-058	FOX 2.0 X 18.0 COIL-OVER EMULSION 7/8" SHAFT SHOCK 50/70	44.100	26.100	-	-	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER EMULSION RACE - 7/8" SHAFT -10 HEIMS (add -1 to the end of part number for custom options)						
980-02-354	FOX 2.0 X 10.0 COIL-OVER EMULSION SHOCK 7/8 SHAFT -10 HIEMS 50/70	26.150	16.180	-	-	1/2 X 1.500
980-02-355	FOX 2.0 X 12.0 COIL-OVER EMULSION SHOCK 7/8 SHAFT -10 HIEMS 50/70	31.150	19.180	-	-	1/2 X 1.500
980-02-356	FOX 2.0 X 14.0 COIL-OVER EMULSION SHOCK 7/8 SHAFT -10 HIEMS 50/70	35.150	21.180	-	-	1/2 X 1.500
980-02-422	FOX 2.0 X 16.0 COIL-OVER EMULSION SHOCK 7/8 SHAFT -10 HIEMS 50/70	40.150	24.180	-	-	1/2 X 1.500
2.0 FACTORY SERIES COIL-OVER REMOTE RESERVOIR - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-042	FOX 2.0 X 3.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	13.100	9.600	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-02-040	FOX 2.0 X 5.0 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	16.420	11.420	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-02-006	FOX 2.0 X 6.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	19.350	12.850	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-02-003	FOX 2.0 X 8.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	23.350	14.850	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-02-005	FOX 2.0 X 10.0 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	26.650	16.650	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER REMOTE RESERVOIR CD ADJUSTER - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-06-042	FOX 2.0 X 3.5 COIL-OVER REMOTE RESERVOIR CD SHOCK 40/60	13.100	9.600	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-06-040	FOX 2.0 X 5.0 COIL-OVER REMOTE RESERVOIR CD SHOCK 40/60	16.420	11.420	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-06-006	FOX 2.0 X 6.5 COIL-OVER REMOTE RESERVOIR CD SHOCK 40/60	19.350	12.850	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-06-003	FOX 2.0 X 8.5 COIL-OVER REMOTE RESERVOIR CD SHOCK 40/60	23.350	14.850	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
980-06-005	FOX 2.0 X 10.0 COIL-OVER REMOTE RESERVOIR CD SHOCK 40/60	26.650	16.650	2.0 X 8.0	-5 X 12.0	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER REMOTE RESERVOIR - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-008	FOX 2.0 X 10.0 COIL-OVER REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	26.100	16.100	2.0 X 11.0	-8 X 14.0	1/2 X 1.250
980-02-010	FOX 2.0 X 12.0 COIL-OVER REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	31.100	19.100	2.0 X 11.0	-8 X 14.0	1/2 X 1.250
980-02-012	FOX 2.0 X 14.0 COIL-OVER REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	35.100	21.100	2.0 X 11.0	-8 X 14.0	1/2 X 1.250
980-02-059	FOX 2.0 X 16.0 COIL-OVER REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	40.100	24.100	2.0 X 11.0	-8 X 14.0	1/2 X 1.250
980-02-060	FOX 2.0 X 18.0 COIL-OVER REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	44.100	26.100	2.0 X 11.0	-8 X 14.0	1/2 X 1.250

COIL-OVER

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH
2.0 FACTORY SERIES COIL-OVER ROTATING REMOTE RESERVOIR RACE - 7/8" SHAFT -10 HEIMS (add -1 to the end of part number for custom options)						
983-02-074	FOX 2.0 X 10.0 COIL-OVER ROTATING REMOTE RESERVOIR SHOCK 50/70	26.150	16.180	2.0 X 11.0	-8 X 17.75	1/2 X 1.500
983-02-075	FOX 2.0 X 12.0 COIL-OVER ROTATING REMOTE RESERVOIR SHOCK 50/70	31.150	19.180	2.0 X 11.0	-8 X 17.75	1/2 X 1.500
983-02-076	FOX 2.0 X 14.0 COIL-OVER ROTATING REMOTE RESERVOIR SHOCK 50/70	35.150	21.180	2.0 X 11.0	-8 X 17.75	1/2 X 1.500
983-02-077	FOX 2.0 X 16.0 COIL-OVER ROTATING REMOTE RESERVOIR SHOCK 50/70	40.150	24.180	2.0 X 11.0	-8 X 17.75	1/2 X 1.500
983-02-078	FOX 2.0 X 18.0 COIL-OVER ROTATING REMOTE RESERVOIR SHOCK 50/70	44.150	26.180	2.0 X 11.0	-8 X 17.75	1/2 X 1.500
2.0 FACTORY SERIES COIL-OVER PIGGYBACK - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-155	FOX 2.0 X 8.5 COIL-OVER PIGGYBACK RESERVOIR SHOCK 40/60	23.350	14.850	2.0 X 8.0	-	1/2 X 1.250
980-02-156	FOX 2.0 X 10.0 COIL-OVER PIGGYBACK RESERVOIR SHOCK 40/60	26.650	16.650	2.0 X 8.0	-	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER PIGGYBACK DSC - 5/8" SHAFT						
983-06-000	FOX 2.0 X 6.5 COIL-OVER PIGGYBACK RESERVOIR DSC SHOCK (CUSTOM VALVING)	19.340	12.870	2.0 X 6.0	-	1/2 X 1.250
983-06-001	FOX 2.0 X 10.0 COIL-OVER PIGGYBACK RESERVOIR DSC SHOCK (CUSTOM VALVING)	26.640	16.670	2.0 X 8.0	-	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER PIGGYBACK DSC BOC - 5/8" SHAFT						
983-06-002	FOX 2.0 X 6.5 COIL-OVER PIGGYBACK RESERVOIR DSC BOC SHOCK (CUSTOM VALVING)	21.340	14.870	2.0 X 6.0	-	1/2 X 1.250
983-06-003	FOX 2.0 X 8.5 COIL-OVER PIGGYBACK RESERVOIR DSC BOC SHOCK (CUSTOM VALVING)	26.140	17.670	2.0 X 8.0	-	1/2 X 1.250
983-06-004	FOX 2.0 X 10.0 COIL-OVER PIGGYBACK RESERVOIR DSC BOC SHOCK (CUSTOM VALVING)	29.640	19.675	2.0 X 8.0	-	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER PIGGYBACK - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-157	FOX 2.0 X 10.0 COIL-OVER PIGGYBACK RESERVOIR 7/8" SHAFT SHOCK 50/70	26.100	16.100	2.0 X 8.0	-	1/2 X 1.250
980-02-158	FOX 2.0 X 12.0 COIL-OVER PIGGYBACK RESERVOIR 7/8" SHAFT SHOCK 50/70	31.100	19.100	2.0 X 11.0	-	1/2 X 1.250
980-02-159	FOX 2.0 X 14.0 COIL-OVER PIGGYBACK RESERVOIR 7/8" SHAFT SHOCK 50/70	35.100	21.100	2.0 X 11.0	-	1/2 X 1.250
980-02-160	FOX 2.0 X 16.0 COIL-OVER PIGGYBACK RESERVOIR 7/8" SHAFT SHOCK 50/70	40.100	24.100	2.0 X 11.0	-	1/2 X 1.250
980-02-161	FOX 2.0 X 18.0 COIL-OVER PIGGYBACK RESERVOIR 7/8" SHAFT SHOCK 50/70	44.100	26.100	2.0 X 11.0	-	1/2 X 1.250
2.0 FACTORY SERIES COIL-OVER AIR SHOCKS - 1-1/4" SHAFT (add -1 to the end of part number for custom options)						
980-02-347	FOX 2.0 X 7.85 COIL-OVER AIR SHOCK 40/90	24.130	16.290	-	-	1/2 X 1.250
980-02-070	FOX 2.0 X 9.35 COIL-OVER AIR SHOCK 40/90	26.630	17.290	-	-	1/2 X 1.250
980-02-071	FOX 2.0 X 11.35 COIL-OVER AIR SHOCK 40/90	30.630	19.290	-	-	1/2 X 1.250
980-02-072	FOX 2.0 X 13.35 COIL-OVER AIR SHOCK 40/90	34.630	21.290	-	-	1/2 X 1.250
980-02-073	FOX 2.0 X 15.35 COIL-OVER AIR SHOCK 40/90	39.630	24.290	-	-	1/2 X 1.250
980-02-074	FOX 2.0 X 17.35 COIL-OVER AIR SHOCK 40/90	43.630	26.290	-	-	1/2 X 1.250
2.5 COIL-OVER						
2.5 FACTORY SERIES COIL-OVER INTERNAL BYPASS RACE - 7/8" SHAFT						
980-02-140-A	FOX 2.5 X 10.0 COIL-OVER INTERNAL BYPASS PIGGYBACK RESERVOIR SHOCK	29.430	19.430	2.0 X 11.0	-	1/2 X 1.500
980-02-141-A	FOX 2.5 X 12.0 COIL-OVER INTERNAL BYPASS PIGGYBACK RESERVOIR SHOCK	33.430	21.430	2.0 X 11.0	-	1/2 X 1.500
980-02-142-A	FOX 2.5 X 14.0 COIL-OVER INTERNAL BYPASS PIGGYBACK RESERVOIR SHOCK	38.430	24.430	2.0 X 11.0	-	1/2 X 1.500
980-02-143-A	FOX 2.5 X 16.0 COIL-OVER INTERNAL BYPASS PIGGYBACK RESERVOIR SHOCK	42.430	26.430	2.0 X 11.0	-	1/2 X 1.500
2.5 FACTORY SERIES COIL-OVER EMULSION RACE - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-247	FOX 2.5 X 8.0 COIL-OVER EMULSION SHOCK 50/70	25.430	17.430	-	-	1/2 X 1.500
980-02-248	FOX 2.5 X 10.0 COIL-OVER EMULSION SHOCK 50/70	29.430	19.430	-	-	1/2 X 1.500
980-02-249	FOX 2.5 X 12.0 COIL-OVER EMULSION SHOCK 50/70	33.430	21.430	-	-	1/2 X 1.500
980-02-250	FOX 2.5 X 14.0 COIL-OVER EMULSION SHOCK 50/70	38.430	24.430	-	-	1/2 X 1.500
980-02-251	FOX 2.5 X 16.0 COIL-OVER EMULSION SHOCK 50/70	42.430	26.430	-	-	1/2 X 1.500

COIL-OVER

APPLICATIONS & PRICING OFFROAD RACE

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH
2.5 FACTORY SERIES COIL-OVER REMOTE RESERVOIR SINGLE RATE RACE - 7/8" SHAFT						
980-02-246-B	FOX 2.5 X 8.0 COIL-OVER REMOTE RESERVOIR SHOCK (CUSTOM VALVING)	24.000	16.080	2.5 X 10.0	-10 X 18.0	1/2 X 1.250
2.5 FACTORY SERIES COIL-OVER REMOTE RESERVOIR RACE - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-062	FOX 2.5 X 8.0 COIL-OVER REMOTE RESERVOIR SHOCK 50/70	25.430	17.430	2.5 X 14.0	-10 X 18.0	1/2 X 1.500
980-02-106	FOX 2.5 X 10.0 COIL-OVER REMOTE RESERVOIR SHOCK 50/70	29.430	19.430	2.5 X 14.0	-10 X 18.0	1/2 X 1.500
980-02-107	FOX 2.5 X 12.0 COIL-OVER REMOTE RESERVOIR SHOCK 50/70	33.430	21.430	2.5 X 14.0	-10 X 18.0	1/2 X 1.500
980-02-108	FOX 2.5 X 14.0 COIL-OVER REMOTE RESERVOIR SHOCK 50/70	38.430	24.430	2.5 X 14.0	-10 X 18.0	1/2 X 1.500
980-02-109	FOX 2.5 X 16.0 COIL-OVER REMOTE RESERVOIR SHOCK 50/70	42.430	26.430	2.5 X 14.0	-10 X 18.0	1/2 X 1.500
2.5 FACTORY SERIES COIL-OVER PIGGYBACK RESERVOIR RACE - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-162	FOX 2.5 X 8.0 COIL-OVER PIGGYBACK RESERVOIR SHOCK 50/70	25.430	17.430	2.0 X 8.0	-	1/2 X 1.500
980-02-163	FOX 2.5 X 10.0 COIL-OVER PIGGYBACK RESERVOIR SHOCK 50/70	29.430	19.430	2.0 X 11.0	-	1/2 X 1.500
980-02-164	FOX 2.5 X 12.0 COIL-OVER PIGGYBACK RESERVOIR SHOCK 50/70	33.430	21.430	2.0 X 11.0	-	1/2 X 1.500
980-02-165	FOX 2.5 X 14.0 COIL-OVER PIGGYBACK RESERVOIR SHOCK 50/70	38.430	24.430	2.0 X 11.0	-	1/2 X 1.500
980-02-166	FOX 2.5 X 16.0 COIL-OVER PIGGYBACK RESERVOIR SHOCK 50/70	42.430	26.430	2.0 X 11.0	-	1/2 X 1.500
2.5 PERFORMANCE SERIES COIL-OVER REMOTE RESERVOIR - 7/8" SHAFT						
983-02-101	FOX 2.5 X 6.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	19.450	10.440	2.5 X 10.00	-8 X 18.0	1/2 X 1.500
983-02-102	FOX 2.5 X 8.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	24.450	16.440	2.5 X 10.00	-8 X 18.0	1/2 X 1.500
983-02-103	FOX 2.5 X 10.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	28.450	18.440	2.5 X 10.00	-8 X 18.0	1/2 X 1.500
983-02-104	FOX 2.5 X 12.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	32.450	20.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
983-02-105	FOX 2.5 X 14.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	37.450	23.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
983-02-106	FOX 2.5 X 16.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	41.450	25.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
983-02-107	FOX 2.5 X 18.0 PERFORMANCE SERIES COIL-OVER RESERVOIR SHOCK	45.450	27.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
2.5 PERFORMANCE SERIES COIL-OVER REMOTE RESERVOIR DSC ADJUSTER - 7/8" SHAFT						
983-06-101	FOX 2.5 X 6.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	19.450	10.440	2.5 X 10.00	-8 X 18.0	1/2 X 1.500
983-06-102	FOX 2.5 X 8.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	24.450	16.440	2.5 X 10.00	-8 X 18.0	1/2 X 1.500
983-06-103	FOX 2.5 X 10.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	28.450	18.440	2.5 X 10.00	-8 X 18.0	1/2 X 1.500
983-06-104	FOX 2.5 X 12.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	32.450	20.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
983-06-105	FOX 2.5 X 14.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	37.450	23.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
983-06-106	FOX 2.5 X 16.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	41.450	25.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
983-06-107	FOX 2.5 X 18.0 PERFORMANCE SERIES COIL-OVER RESERVOIR DSC SHOCK	45.450	27.440	2.5 X 14.00	-8 X 18.0	1/2 X 1.500
3.0 COIL-OVER						
3.0 FACTORY SERIES COIL-OVER REMOTE RESERVOIR RACE - 1" SHAFT						
980-02-601	FOX 3.0 X 10.0 COIL-OVER REMOTE RESERVOIR SHOCK	29.500	19.500	3.0 X 12.0	-12 X 18.0	1/2 X 1.500
980-02-167	FOX 3.0 X 12.0 COIL-OVER REMOTE RESERVOIR SHOCK	33.500	21.500	3.0 X 12.0	-12 X 18.0	1/2 X 1.500
980-02-168	FOX 3.0 X 14.0 COIL-OVER REMOTE RESERVOIR SHOCK	38.500	24.500	3.0 X 14.0	-12 X 18.0	1/2 X 1.500
980-02-169	FOX 3.0 X 16.0 COIL-OVER REMOTE RESERVOIR SHOCK	42.500	26.500	3.0 X 16.0	-12 X 18.0	1/2 X 1.500

COIL-OVER

BYPASS

SMOOTE BODY

AIR SHOCKS

BUMP STOP

ACCESSORIES

FACTORY SERIES

BYPASS

At FOX, racing has always been the cornerstone of our product development. FOX devotes countless hours of research and development to design suspension that withstands incredible punishment and provide consistent performance you can rely on.

Our diverse line of bypass shocks, from the 2.5 coil-over with internal bypass to the massive 4.4 inch external bypass, are made with one goal in mind: to win races.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated for a long-lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- PISTON** Stainless steel for improved performance at high temperatures*
- VALVING** Tunable, velocity sensitive deburred valve shims
- SEALS** High-temp Viton® redundant sealing pack system with main seal, wiper seal and scraper seal*
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- SHAFT** 17-4 H900 hard chrome plated stainless steel
- BEARING** Spherical, PTFE-lined, heat-treated alloy steel
- MOUNTING**
 - » Rotating Body Cap
 - » Compression bypass adjusters
 - » Rebound bypass adjusters
 - » Free bleed bypass adjuster
 - » Compression valving
 - » Rebound valving

*2.0, 2.5, 3.0, and 3.5 are 7075 hard-anodized aluminum

4.4 EXTERNAL BYPASS

HUGE 3.5 INCH RESERVOIR is the largest in the industry. It negates “shock pump” due to fluid expansion during extreme use for consistent peak performance.

EXTERNAL BYPASS TECHNOLOGY allows precise adjustment of multiple stages of compression and rebound damping. Each position-sensitive stage is independently controlled.

ROTATING BODY CAP (RBC) technology allows quick and easy rotation of the shock body with simple hand tools to achieve optimal chassis clearance.



EXTERNAL COOLING SYSTEM (ECS) does much more than any finned reservoir. Code-named “Cactus Cooler” during development, this optional cooler uses the natural motion to push fluid through a one-way check valve into the deeply finned heat exchanger to reduce fluid temperatures up to 150 °F.



- INTER
- BYPASS
- SMOOTH BODY
- AIR SHOCKS
- BUMP STOP
- ACCESSORIES



BYPASS

MODEL FEATURES

FACTORY SERIES

2.0 PIGGYBACK	2.5 REMOTE	2.5 PIGGYBACK	3.0 REMOTE
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OPTIONS

1-1/2" mounting width spacers Multiple eyelet mounting lengths Custom bypass layout High or low flow piston	QAB knobs 1-1/4" mounting width spacers Multiple eyelet mounting lengths Custom bypass layout Reservoir hose-fittings and lengths High or low flow piston	QAB knobs 1-1/4" mounting width spacers Multiple eyelet mounting lengths Custom bypass layout	QAB knobs 1-1/4" mounting width spacers Multiple eyelet mounting lengths Custom bypass layout Reservoir hose-fittings and lengths High or low flow piston
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TUBE	SHAFT TRAVEL	SHAFT TRAVEL	SHAFT TRAVEL	SHAFT TRAVEL
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2 Tube, 3 Tube	3 Tube	2 Tube, 3 Tube, 4 Tube	3 Tube
7/8" 10.0, 12.0, 14.0, 16.0	7/8" 10.0, 12.0, 14.0, 16.0, 18.0	7/8" 8.0, 10.0, 12.0, 14.0, 16.0, 18.0	7/8" 10.0, 12.0, 14.0, 16.0, 18.0

3.0 PIGGYBACK	3.5 PIGGYBACK	4.0 PIGGYBACK	4.4 PIGGYBACK
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OPTIONS

QAB knobs 1-1/4" mounting width spacers Multiple eyelet mounting lengths -12 Hiems, select travel lengths Custom bypass layout Reservoir hose-fittings and lengths External Cooling System (ECS) Short Course specs High or low flow piston	QAB knobs 1-1/2" mounting bolt Multiple eyelet mounting lengths Custom bypass layout Remote Reservoir External Cooling System (ECS) High or low flow piston	1-1/2" mounting bolt Multiple eyelet mounting lengths Custom bypass layout Remote Reservoir External Cooling System (ECS)	1-1/2" mounting bolt Multiple eyelet mounting lengths Custom bypass layout Remote Reservoir External Cooling System (ECS)
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TUBE	SHAFT TRAVEL	SHAFT TRAVEL	SHAFT TRAVEL	SHAFT TRAVEL
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3 Tube, 4 Tube	5 Tube	4 Tube, 5 Tube	4 Tube, 5 Tube
7/8" 10.0, 12.0, 14.0, 16.0, 18.0	1" 14.0, 16.0, 18.0	1-1/8" 12.0, 14.0, 16.0, 18.0	1-1/4" 12.0, 14.0, 16.0, 18.0

HOW TO USE APPLICATION GUIDE

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH	PRICE
2.0 COIL-OVER							
2.0 FACTORY SERIES COIL-OVER REMOTE RESERVOIR - 5/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-042	FOX 2.0 X 3.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	13.100	9.600	2.0 X 8.0	-5 X 12.0	1/2 X 1.250	\$289.95
980-02-040	FOX 2.0 X 5.0 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	16.120	11.120	2.0 X 8.0	-5 X 12.0	1/2 X 1.250	\$289.95
980-02-006	FOX 2.0 X 3.5 COIL-OVER REMOTE RESERVOIR SHOCK 40/60	13.100	9.600	2.0 X 8.0	-5 X 12.0	1/2 X 1.250	\$289.95

- | | |
|---|--|
| 1 BODY DIAMETER | 6 COLLAPSED LENGTH MEASURED FROM THE CENTER OF THE TOP AND BOTTOM SHOCK MOUNTING POINTS |
| 2 TRAVEL LENGTH ROUNDED UP TO NEAREST 1/2 INCH | 7 RESERVOIR DIAMETER / RESERVOIR LENGTH |
| 3 DIAMETER, SERIES, TYPE, AND RESERVOIR STYLE | 8 REMOTE RESERVOIR HOSE DIAMETER / REMOTE RESERVOIR HOSE LENGTH |
| 4 VALVING | 9 MOUNTING BOLT DIAMETER / MOUNTING TAB WIDTH |
| 5 EXTENDED LENGTH MEASURED FROM THE CENTER OF THE TOP AND BOTTOM SHOCK MOUNTING POINTS | 10 MANUFACTURER'S SUGGESTED RETAIL PRICE |

HOW TO MEASURE EXTENDED, COLLAPSED, & TRAVEL LENGTHS

NOTE: BE SURE TO TAKE INTO CONSIDERATION PIVOT ANGLES OF CV AXLES, DRIVESHAFT, SUSPENSION, AND STEERING COMPONENTS ON BOTH EXTENDED AND COLLAPSED SUSPENSION CYCLES. A LIMIT STRAP AND BUMP STOPS SHOULD BE USED TO LIMIT THE SUSPENSION TRAVEL, NOT THE SHOCK.

STEP 1 (MEASUREMENTS)

EXTENDED (EXT) - SECURE THE FRAME WITH JACK STANDS OR LIFT. REMOVE SHOCKS AND SPRINGS FROM VEHICLE ALLOWING THE SUSPENSION COMPONENTS TO DROP DOWN. ONCE THE DESIRED EXTENDED LENGTH OF THE SUSPENSION TRAVEL IS SET, MEASURE FROM THE CENTER OF THE TOP AND BOTTOM SHOCK MOUNTING POINTS. THIS MEASUREMENT IS YOUR EXTENDED TRAVEL LENGTH.

COLLAPSED (COL) - SECURE THE FRAME WITH JACK STANDS OR LIFT. REMOVE SHOCKS AND SPRINGS FROM VEHICLE. USING A JACK TO COMPRESS THE SUSPENSION TRAVEL TO FULL BOTTOM OUT INCLUDING THE BUMP STOP. MEASURE FROM THE CENTER OF THE TOP AND BOTTOM SHOCK EYELET MOUNTING POINTS. THIS MEASUREMENT IS YOUR COLLAPSED TRAVEL LENGTH.

STEP 2 (TRAVEL)

DETERMINE YOUR REQUIRED SHOCK TRAVEL BY SUBTRACTING THE COLLAPSED LENGTH FROM THE EXTENDED LENGTH. THIS MEASUREMENT IS YOUR TRAVEL LENGTH.

STEP 3 (SELECTING PRODUCT)

USE THE TRAVEL LENGTH TO BEGIN TO NARROW DOWN THE REQUIRED SHOCK FOR THE VEHICLE.

LIMIT STRAP LENGTH SHOULD BE CHANGED TO ACHIEVE THE REQUIRED EXTENDED LENGTH OF THE SELECTED SHOCK.

OPTIONAL SHAFT EYELETS CAN BE PURCHASED TO SLIGHTLY INCREASE OR DECREASE SHOCKS EXTENDED AND COLLAPSED LENGTHS.

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH	PRICE
2.0 BYPASS							
2.0 FACTORY SERIES BYPASS 1-2 1600 CAR - 5/8" SHAFT							
980-02-996	2.0 X 10.0 BYPASS (4 TUBE) REMOTE RESERVOIR	27.10	17.10	2.0 X 8.0	-10 X 31.0	1/2 X 1.250	
2.0 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (2 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-225	FOX 2.0 X 10.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	26.100	16.100	2.0 X 8.0	-	1/2 X 1.250	
980-02-226	FOX 2.0 X 12.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	31.100	19.100	2.0 X 11.0	-	1/2 X 1.250	
980-02-227	FOX 2.0 X 14.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	35.100	21.100	2.0 X 11.0	-	1/2 X 1.250	
980-02-240	FOX 2.0 X 16.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	40.100	24.100	2.0 X 11.0	-	1/2 X 1.250	
2.0 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (3 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-295	FOX 2.0 X 10.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	26.100	16.100	2.0 X 8.0	-	1/2 X 1.250	
980-02-296	FOX 2.0 X 12.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	31.100	19.100	2.0 X 11.0	-	1/2 X 1.250	
980-02-297	FOX 2.0 X 14.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	35.100	21.100	2.0 X 11.0	-	1/2 X 1.250	
980-02-298	FOX 2.0 X 16.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 90/50	40.100	24.100	2.0 X 11.0	-	1/2 X 1.250	
2.5 BYPASS							
2.5 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (2 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-205	FOX 2.5 X 8.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	25.430	17.430	2.5 X 8.75	-	1/2 X 1.500	
980-02-206	FOX 2.5 X 10.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	29.430	19.430	2.5 X 10.0	-	1/2 X 1.500	
980-02-207	FOX 2.5 X 12.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	33.430	21.430	2.5 X 10.0	-	1/2 X 1.500	
980-02-208	FOX 2.5 X 14.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	38.430	24.430	2.5 X 14.0	-	1/2 X 1.500	
980-02-209	FOX 2.5 X 16.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	42.430	26.430	2.5 X 14.0	-	1/2 X 1.500	
980-02-211	FOX 2.5 X 18.0 BYPASS (2 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	46.430	28.430	2.5 X 14.0	-	1/2 X 1.500	
2.5 FACTORY SERIES BYPASS REMOTE RESERVOIR RACE (3 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-138	FOX 2.5 X 10.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 2.1/70	29.430	19.430	2.5 X 10.0	-10 X 28.0	1/2 X 1.500	
980-02-111	FOX 2.5 X 12.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 2.1/70	33.430	21.430	2.5 X 10.0	-10 X 28.0	1/2 X 1.500	
980-02-113	FOX 2.5 X 14.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 2.1/70	38.430	24.430	2.5 X 14.0	-10 X 38.0	1/2 X 1.500	
980-02-115	FOX 2.5 X 16.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 2.1/70	42.430	26.430	2.5 X 14.0	-10 X 38.0	1/2 X 1.500	
980-02-117	FOX 2.5 X 18.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 2.1/70	46.430	28.430	2.5 X 14.0	-10 X 38.0	1/2 X 1.500	
2.5 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (3 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-212	FOX 2.5 X 8.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	25.430	17.430	2.5 X 8.75	-	1/2 X 1.500	
980-02-213	FOX 2.5 X 10.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	29.430	19.430	2.5 X 10.0	-	1/2 X 1.500	
980-02-214	FOX 2.5 X 12.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	33.430	21.430	2.5 X 10.0	-	1/2 X 1.500	
980-02-215	FOX 2.5 X 14.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	38.430	24.430	2.5 X 14.0	-	1/2 X 1.500	
980-02-216	FOX 2.5 X 16.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	42.430	26.430	2.5 X 14.0	-	1/2 X 1.500	
980-02-217	FOX 2.5 X 18.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	46.430	28.430	2.5 X 14.0	-	1/2 X 1.500	
2.5 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (4 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)							
980-02-218	FOX 2.5 X 8.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	25.430	17.430	2.5 X 8.75	-	1/2 X 1.500	
980-02-219	FOX 2.5 X 10.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	29.430	19.430	2.5 X 10.0	-	1/2 X 1.500	
980-02-221	FOX 2.5 X 12.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	33.430	21.430	2.5 X 10.0	-	1/2 X 1.500	
980-02-222	FOX 2.5 X 14.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	38.430	24.430	2.5 X 14.0	-	1/2 X 1.500	
980-02-223	FOX 2.5 X 16.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	42.430	26.430	2.5 X 14.0	-	1/2 X 1.500	
980-02-224	FOX 2.5 X 18.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 2.1/70	46.430	28.430	2.5 X 14.0	-	1/2 X 1.500	

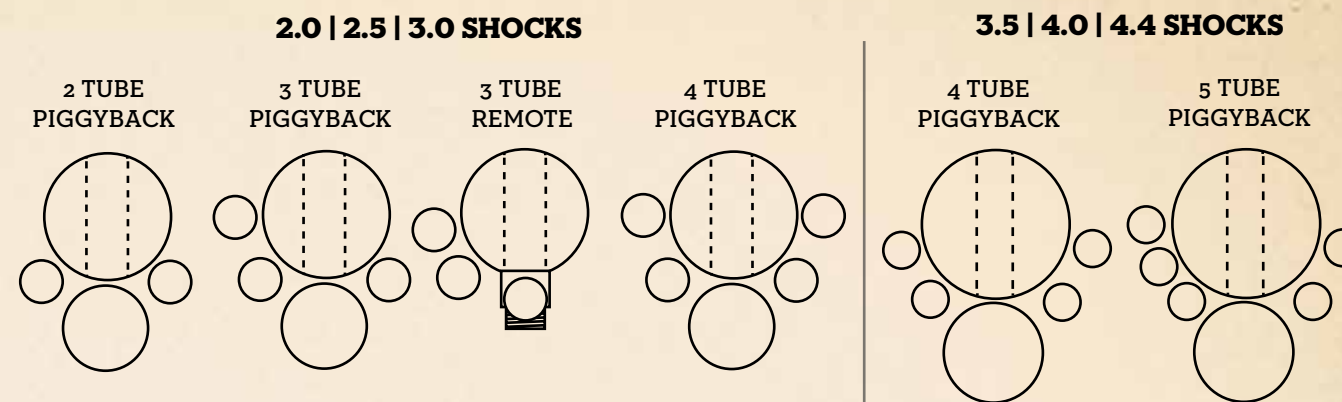
PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE LD./LENGTH	MOUNTING BOLT/WIDTH
3.0 BYPASS						
3.0 FACTORY SERIES BYPASS REMOTE RESERVOIR RACE (3 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-126	FOX 3.0 X 12.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 3.2/70	33.430	21.430	2.5 X 10.0	-10 X 28.0	1/2 X 1.500
980-02-128	FOX 3.0 X 14.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 3.2/70	38.430	24.430	2.5 X 14.0	-10 X 38.0	1/2 X 1.500
980-02-130	FOX 3.0 X 16.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 3.2/70	42.430	26.430	2.5 X 14.0	-10 X 38.0	1/2 X 1.500
980-02-132	FOX 3.0 X 18.0 BYPASS (3 TUBE) REMOTE RESERVOIR SHOCK 3.2/70	46.430	28.430	2.5 X 14.0	-10 X 38.0	1/2 X 1.500
3.0 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (3 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-798	FOX 3.0 X 10.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	29.500	19.500	2.5 X 10.0	-	1/2 X 1.500
980-02-228	FOX 3.0 X 12.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	33.430	21.430	2.5 X 10.0	-	1/2 X 1.500
980-02-229	FOX 3.0 X 14.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	38.430	24.430	2.5 X 14.0	-	1/2 X 1.500
980-02-230	FOX 3.0 X 16.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	42.430	26.430	2.5 X 14.0	-	1/2 X 1.500
980-02-231	FOX 3.0 X 18.0 BYPASS (3 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	46.430	28.430	2.5 X 14.0	-	1/2 X 1.500
3.0 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (4 TUBE) - 7/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-232	FOX 3.0 X 12.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	33.430	21.430	2.5 X 10.0	-	1/2 X 1.500
980-02-233	FOX 3.0 X 14.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	38.430	24.430	2.5 X 14.0	-	1/2 X 1.500
980-02-234	FOX 3.0 X 16.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	42.430	26.430	2.5 X 14.0	-	1/2 X 1.500
980-02-235	FOX 3.0 X 18.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	46.430	28.430	2.5 X 14.0	-	1/2 X 1.500
3.0 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (4 TUBE) - 1" & 1-1/8" SHAFT (add -1 to the end of part number for custom options)						
981-02-425	FOX 3.0 X 12.0 BYPASS X 1" SHAFT (4 TUBE) PIGGYBACK RESERVOIR SHOCK (SHORT COURSE)	33.430	21.430	2.5 X 14.0	-	5/8 X 1.500
981-02-426-A	FOX 3.0 X 14.0 BYPASS X 1" SHAFT (4 TUBE) PIGGYBACK RESERVOIR SHOCK (SHORT COURSE)	38.430	24.430	2.5 X 14.0	-	5/8 X 1.500
981-02-427-A	FOX 3.0 X 18.0 BYPASS X 1-1/8" SHAFT (4 TUBE) PIGGYBACK RESERVOIR SHOCK (SHORT COURSE)	46.430	28.430	3.0 X 16.0	-	5/8 X 1.500

3.5 BYPASS						
3.5 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (5 TUBE) - 1" SHAFT (add -1 to the end of part number for custom options)						
980-02-734	FOX 3.5 X 12.0 BYPASS (5 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	33.430	21.430	3.0 X 12.0	-	5/8 X 1.500
980-02-254	FOX 3.5 X 14.0 BYPASS (5 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	38.430	24.430	3.0 X 14.0	-	5/8 X 1.500
980-02-255	FOX 3.5 X 16.0 BYPASS (5 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	42.430	26.430	3.0 X 16.0	-	5/8 X 1.500
980-02-256	FOX 3.5 X 18.0 BYPASS (5 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	46.430	28.430	3.0 X 16.0	-	5/8 X 1.500

4.0 BYPASS						
4.0 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (4 & 5 TUBE) - 1-1/8" SHAFT (add -1 to the end of part number for custom options)						
981-02-390	FOX 4.0 X 12.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	33.540	21.540	3.5 X 11.50	-	5/8 X 1.500
981-02-391	FOX 4.0 X 14.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	38.540	24.540	3.5 X 14.00	-	5/8 X 1.500
981-02-392	FOX 4.0 X 16.0 BYPASS (5 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	42.540	26.540	3.5 X 15.50	-	5/8 X 1.500
981-02-393	FOX 4.0 X 18.0 BYPASS (5 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/70	46.540	28.540	3.5 X 17.50	-	5/8 X 1.500

4.4 SERIES BYPASS						
4.4 FACTORY SERIES BYPASS PIGGYBACK RESERVOIR RACE (4 & 5 TUBE) - 1-1/4" SHAFT (add -1 to the end of part number for custom options)						
981-02-386	FOX 4.4 X 12.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/50	34.920	22.890	3.5 X 11.50	-	5/8 X 1.500
981-02-387	FOX 4.4 X 14.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/50	38.920	24.890	3.5 X 14.00	-	5/8 X 1.500
981-02-388	FOX 4.4 X 16.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/50	43.920	27.890	3.5 X 15.50	-	5/8 X 1.500
981-02-389	FOX 4.4 X 18.0 BYPASS (4 TUBE) PIGGYBACK RESERVOIR SHOCK 3.2/50	47.920	29.890	3.5 X 17.50	-	5/8 X 1.500

STANDARD TUBE LAYOUTS



ROTATING BODY CAP (RBC) DESIGN FEATURE ALLOWS FOR BODY ORIENTATION ADJUSTMENTS

NOTES

COVER

BYPASS

SMOOTH BODY

AIR SHORTS

BUMP STOP

ACCESSORIES

FACTORY SERIES

SMOOTH BODY

Offroad Factory Series smooth body shocks provide everything you need for all-out offroad performance. Their race construction allows servicing when they show signs of wear and custom tuning to the valving so you can dial them in to match track conditions or your favorite terrain. Every component has been race-proven to provide maximum damping performance.

They are designed with highly durable parts that can also be replaced to extend the shocks life for many more years of reliable service. These shocks are built to survive the rigors of competition or the outer reaches of desolate wilderness. Experience for yourself the incredible performance and precise control that Offroad Factory Series smooth body shocks deliver.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated and clear coated for a long-lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- HOSE** Cloth braided steel -10 hose for maximum durability features reusable high flow fittings
- VALVING** Tunable, velocity sensitive deburred valve shims
- SEALS** High-temp Viton® redundant sealing pack system with main seal, wiper seal and scraper seal*
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- SHAFT**
 - » 5/8" hard chrome plated, heat-treated steel
 - » 7/8" 17-4 H900 hard chrome plated stainless steel
- BEARINGS** Spherical, PFTE-lined, heat-treated alloy steel
- ADJUSTMENTS**
 - » Compression valving
 - » Rebound valving
 - » Optional DSC Adjuster



2.5 REMOTE

ORB O-RING PORT FITTINGS provide an optimal seal when used in hose remote reservoir applications.

CLOTH BRAIDED STEEL high flow -10 hose allows faster wheel movement and features reusable high-flow fittings.

OFFROAD RACING SHAFT uses the finest 17-4 H900 stainless steel with hard chrome finish for one of the strongest and toughest shaft materials available.

HIGH-TEMP VITON® SEALS are designed to sustain temperatures of up to 400 °F.

OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate high-speed and ten low-speed compression levels.

Learn more at ridefox.com/DSC

COVER
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PERFORMANCE SERIES

SMOOTH BODY

Our Offroad Performance Series smooth body shock has the durable race-proven internal parts and performance damping technology you expect with unique features found only in the Performance Series line. The rebuildable and serviceable race shock design allows you to take the shock apart for rebuilding and/or internal

valving adjustments if desired. You can count on FOX to provide the exceptional damping you demand in any terrain. Experience for yourself the incredible performance and precise control that our Offroad Performance Series smooth body shocks deliver.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated and clear coated for a long lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- HOSE** Rubber braided steel -8 hose for improved durability features high flow crimped fittings
- VALVING** Tunable, velocity sensitive deburred valve shims
- SEALS** Redundant sealing pack system, main seal, wiper seal, scraper seal
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- SHAFT** 7/8" hard chrome plated, heat-treated steel
- BEARINGS** Spherical, PTFE-lined, heat-treated alloy steel
- ADJUSTMENTS**
 - » Compression valving
 - » Rebound valving
 - » Optional DSC Adjuster

2.5 REMOTE

REMOTE RESERVOIR allows additional fluid capacity and further enhances cooling.

RUBBER BRAIDED STEEL high pressure -8 hose is extremely durable and features high-flow crimped fittings.

ORB O-RING PORT FITTINGS provide an optimal seal when used in hose remote reservoir applications.

OPTIONAL DSC ADJUSTER gives remarkable versatility and precise tuning. A simple twist of either two adjuster knobs allows twelve separate high-speed and ten low-speed compression levels.

Learn more at ridefox.com/DSC



COVER
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2.0 EMULSION



2.0 REMOTE



2.5 REMOTE



3.0 REMOTE



2.5 REMOTE

SMOOTH BODY

MODEL FEATURES

FACTORY SERIES

2.0 EMULSION		2.0 REMOTE		2.5 REMOTE	
OPTIONS					
1-1/2" mounting width spacers		1-1/2" mounting width spacers		1-1/4" mounting width spacers	
Chrome body		Chrome body		Multiple eyelet mounting lengths	
Stainless steel shaft		LSC Adjuster		Chrome body	
High or low flow piston		Stainless steel shaft		DSC Adjuster	
		High or low flow piston		High or low flow piston	
SHAFT	TRAVELS	SHAFT	TRAVELS	SHAFT	TRAVELS
5/8"	5.0, 6.5, 8.0, 8.5, 10.0, 11.0, 12.0, 14.0	5/8"	3.5, 5.0, 6.125, 6.5, 8.0, 8.5, 10.0, 11.0, 12.0, 14.0	7/8"	8.0, 10.0, 12.0, 14.0, 16.0, 18.0
7/8"	12.0, 14.0, 16.0	7/8"	12.0, 14.0, 16.0		

PERFORMANCE SERIES

3.0 REMOTE		2.5 REMOTE	
OPTIONS			
1-1/4" mounting width spacers		DSC Adjuster	
Multiple eyelet mounting lengths			
Chrome body			
DSC Adjuster			
High or low flow piston			
SHAFT	TRAVELS	SHAFT	TRAVELS
7/8"	9.0, 10.0, 12.0, 14.0	7/8"	6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0

SMOOTH BODY

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH
2.0 SMOOTH BODY						
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR CLASS 9 & 11- 5/8" SHAFT						
980-02-049	2.0 X 6.5 FS SMOOTH BODY REMOTE RESERVOIR - STEM TOP CLASS 9/11 FRONT (8.0 RES)	18.34	11.84	2.0 X 8.00	-5 X 12.0	12mm X 1.165
980-02-120-A	2.0 X 6.5 FS SMOOTH BODY REMOTE RESERVOIR - STEM TOP CLASS 9/11 FRONT (11.0 RES)	18.34	11.84	2.0 X 11.00	-5 X 20.0	12mm X 1.165
980-02-764	2.0 X 6.5 FS SMOOTH BODY REMOTE RESERVOIR - STEM TOP CLASS 9/11 FRONT (14.0 RES)	18.34	11.84	2.5 X 14.00	-5 X 20.0	12mm X 1.165
980-02-121	2.0 X 5.0 FS SMOOTH BODY REMOTE RESERVOIR - CLASS 11 REAR (STOCK MOUNT)	15.90	10.90	2.0 X 11.00	-5 X 20.0	1/2 X 1.250
980-02-326	2.0 X 6.125 FS SMOOTH BODY REMOTE RESERVOIR - CLASS 11 REAR (CUSTOM MOUNT)	17.92	11.80	2.5 X 14.00	-5 X 20.0	1/2 X 1.250
980-02-488	2.0 X 9.5 FS SMOOTH BODY REMOTE RESERVOIR - CLASS 11 REAR (CUSTOM MOUNT)	18.00	8.53	2.5 X 14.00	-10 X 28.0	1/2" X 1.500
2.0 FACTORY SERIES SMOOTH BODY EMULSION - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-021	FOX 2.0 X 5.0 SMOOTH BODY EMULSION SHOCK 40/60	15.770	10.770	-	-	1/2 X 1.250
980-02-023	FOX 2.0 X 6.5 SMOOTH BODY EMULSION SHOCK 40/60	18.800	12.300	-	-	1/2 X 1.250
980-02-403	FOX 2.0 X 8.0 SMOOTH BODY EMULSION SHOCK 40/60	21.800	13.800	-	-	1/2 X 1.250
980-02-024	FOX 2.0 X 8.5 SMOOTH BODY EMULSION SHOCK 40/60	22.800	14.300	-	-	1/2 X 1.250
980-02-025	FOX 2.0 X 10.0 SMOOTH BODY EMULSION SHOCK 40/60	26.100	16.100	-	-	1/2 X 1.250
980-02-038	FOX 2.0 X 11.0 SMOOTH BODY EMULSION SHOCK 40/60	28.100	17.100	-	-	1/2 X 1.250
980-02-027	FOX 2.0 X 12.0 SMOOTH BODY EMULSION SHOCK 40/60	31.100	19.100	-	-	1/2 X 1.250
980-02-090	FOX 2.0 X 14.0 SMOOTH BODY EMULSION SHOCK 40/60	35.100	21.100	-	-	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY EMULSION CHROME - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-04-021	FOX 2.0 X 5.0 SMOOTH BODY EMULSION CHROME SHOCK 40/60	15.770	10.770	-	-	1/2 X 1.250
980-04-023	FOX 2.0 X 6.5 SMOOTH BODY EMULSION CHROME SHOCK 40/60	18.800	12.300	-	-	1/2 X 1.250
980-04-403	FOX 2.0 X 8.0 SMOOTH BODY EMULSION CHROME SHOCK 40/60	21.800	13.800	-	-	1/2 X 1.250
980-04-024	FOX 2.0 X 8.5 SMOOTH BODY EMULSION CHROME SHOCK 40/60	22.800	14.300	-	-	1/2 X 1.250
980-04-025	FOX 2.0 X 10.0 SMOOTH BODY EMULSION CHROME SHOCK 40/60	26.100	16.100	-	-	1/2 X 1.250
980-04-038	FOX 2.0 X 11.0 SMOOTH BODY EMULSION CHROME SHOCK 40/60	28.100	17.100	-	-	1/2 X 1.250
980-04-027	FOX 2.0 X 12.0 SMOOTH BODY EMULSION CHROME SHOCK 40/60	31.100	19.100	-	-	1/2 X 1.250
980-04-090	FOX 2.0 X 14.0 SMOOTH BODY EMULSION CHROME SHOCK 40/60	35.100	21.100	-	-	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY EMULSION - 7/8" SHAFT (add -1 to the end of part number for custom options)						
983-02-035	FOX 2.0 X 10.0 SMOOTH BODY EMULSION 7/8" SHAFT SHOCK 50/70	26.150	16.180	-	-	1/2 X 1.250
980-02-043	FOX 2.0 X 12.0 SMOOTH BODY EMULSION 7/8" SHAFT SHOCK 50/70	31.150	19.180	-	-	1/2 X 1.250
980-02-044	FOX 2.0 X 14.0 SMOOTH BODY EMULSION 7/8" SHAFT SHOCK 50/70	35.150	21.180	-	-	1/2 X 1.250
980-02-068	FOX 2.0 X 16.0 SMOOTH BODY EMULSION 7/8" SHAFT SHOCK 50/70	40.150	24.180	-	-	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-02-029	FOX 2.0 X 5.0 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	15.770	10.770	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-02-030	FOX 2.0 X 6.5 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	18.800	12.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-02-404	FOX 2.0 X 8.0 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	21.800	13.800	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-02-031	FOX 2.0 X 8.5 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	22.800	14.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-02-032	FOX 2.0 X 10.0 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	26.100	16.100	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-02-039	FOX 2.0 X 11.0 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	28.100	17.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-02-034	FOX 2.0 X 12.0 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	31.100	19.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-02-035	FOX 2.0 X 14.0 SMOOTH BODY REMOTE RESERVOIR SHOCK 30/90	35.100	21.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250

SMOOTH BODY

APPLICATIONS & PRICING OFFROAD RACE

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE I.D./LENGTH	MOUNTING BOLT/WIDTH
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR LSC ADJUSTER - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-06-029	FOX 2.0 X 5.0 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	15.770	10.770	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-06-030	FOX 2.0 X 6.5 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	18.800	12.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-06-404	FOX 2.0 X 8.0 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	21.800	13.800	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-06-031	FOX 2.0 X 8.5 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	22.800	14.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-06-032	FOX 2.0 X 10.0 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	26.100	16.100	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-06-039	FOX 2.0 X 11.0 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	28.100	17.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-06-034	FOX 2.0 X 12.0 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	31.100	19.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-06-035	FOX 2.0 X 14.0 SMOOTH BODY REMOTE RESERVOIR LSC SHOCK 30/90	35.100	21.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR CHROME - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-04-029	FOX 2.0 X 5.0 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	15.770	10.770	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-04-030	FOX 2.0 X 6.5 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	18.800	12.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-04-404	FOX 2.0 X 8.0 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	21.800	13.800	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-04-031	FOX 2.0 X 8.5 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	22.800	14.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-04-032	FOX 2.0 X 10.0 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	26.100	16.100	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-04-039	FOX 2.0 X 11.0 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	28.100	17.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-04-034	FOX 2.0 X 12.0 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	31.100	19.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-04-035	FOX 2.0 X 14.0 SMOOTH BODY REMOTE RESERVOIR CHROME SHOCK 30/90	35.100	21.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR CHROME LSC ADJUSTER - 5/8" SHAFT (add -1 to the end of part number for custom options)						
980-16-029	FOX 2.0 X 5.0 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	15.770	10.770	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-16-030	FOX 2.0 X 6.5 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	18.800	12.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-16-404	FOX 2.0 X 8.0 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	21.800	13.800	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-16-031	FOX 2.0 X 8.5 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	22.800	14.300	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-16-032	FOX 2.0 X 10.0 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	26.100	16.100	2.0 X 8.00	-5 X 12.0	1/2 X 1.250
980-16-039	FOX 2.0 X 11.0 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	28.100	17.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-16-034	FOX 2.0 X 12.0 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	31.100	19.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
980-16-035	FOX 2.0 X 14.0 SMOOTH BODY REMOTE RESERVOIR CHROME LSC SHOCK 30/90	35.100	21.100	2.0 X 11.00	-5 X 12.0	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR - 7/8" SHAFT (add -1 to the end of part number for custom options)						
983-02-036	FOX 2.0 X 10.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	26.150	16.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
980-02-045	FOX 2.0 X 12.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	31.150	19.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
980-02-046	FOX 2.0 X 14.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	35.150	21.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
980-02-069	FOX 2.0 X 16.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT SHOCK 50/70	40.150	24.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
2.0 FACTORY SERIES SMOOTH BODY REMOTE RESERVOIR CHROME - 7/8" SHAFT (add -1 to the end of part number for custom options)						
983-04-036	FOX 2.0 X 10.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT CHROME SHOCK 50/70	26.150	16.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
980-04-045	FOX 2.0 X 12.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT CHROME SHOCK 50/70	31.150	19.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
980-04-046	FOX 2.0 X 14.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT CHROME SHOCK 50/70	35.150	21.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250
980-04-069	FOX 2.0 X 16.0 SMOOTH BODY REMOTE RESERVOIR 7/8" SHAFT CHROME SHOCK 50/70	40.150	24.180	2.0 X 11.00	-8 X 14.0	1/2 X 1.250

COVER
SMOOTH BODY
AIR SHOCKS
BUMP STOP
ACCESSORIES

FACTORY SERIES

AIR SHOCKS

The design of the Offroad Factory Series air shock allows for infinite adjustability of the spring rate by varying the nitrogen charge pressure. FOX's first air shock was invented by Bob Fox back in 1974 and has been highly refined in the 30-plus years we've been producing them. The Offroad Factory Series air shock uses the identical

race-proven performance damping technology as our other Factory Series Offroad shocks, so servicing and valving adjustments are the same. Incredibly strong yet lightweight hollow shock shafts further reduce weight on these shocks that are ideal for competition rock crawlers.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated and double-clear coated for a long-lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- PISTON** 6061-T6 hard-anodized high-flow aluminum piston
- VALVING** Tunable, velocity sensitive deburred valve shims
- SEALS** Redundant sealing pack system, main seal, wiper seal, scraper seal
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- SHAFT** Hard chromed 4130 steel
- BEARING** Spherical, PTFE-lined, heat-treated alloy steel
- ADJUSTMENTS**
 - » Nitrogen pressure
 - » Compression valving
 - » Rebound valving

MODEL FEATURES

MODEL	2.0 AIR SHOCK	2.5 AIR SHOCK
OPTIONS	1-1/2" mounting width spacers	1-1/4" mounting width spacers
MAX LOAD	500 lbs.	1200 lbs.
SHAFT	1-1/4"	1-5/8"
TRAVEL	8.0, 10.0, 12.0, 14.0, 16.0, 18.0	8.0, 10.0, 12.0, 14.0, 16.0, 18.0

*See coil-over section for additional specs



2.5 AIR

"AIR SPRING" allows infinite rate and ride height adjustments that can be made externally by varying the nitrogen pressure.

REPLACEABLE SPHERICAL BEARINGS are PTFE-lined and heat-treated alloy steel. They provide a firm attachment and long wear in brutal offroad conditions.

REBUILDABLE AND SERVICEABLE race shock design allows you to take the shock apart for rebuilding and/or internal valving adjustments if desired.

2.0 AIR

UNIQUE SHAFTS are 4130 chromoly for strength and hollow for maximum weight savings.

COIL-OVER

BYPASS

SMOOTH BODY

AIR SHOCKS

BUMP STOP

ACCESSORIES

FACTORY SERIES

BUMP STOP

Offroad Factory Series bump stops were developed with top offroad racing teams to provide precise control of the last few inches of suspension travel. By applying our race-proven damping technology in a purpose-built, stand-alone component you can use every bit of suspension travel without harsh bottoming.

The built-in FOX Air Valve (FAV) valve allows precise nitrogen charge adjustments to provide a wide range of bottoming control. The durable construction and replaceable Delrin® strike pad are built to take the abuse while providing predictable and quiet operation.

FAMILY FEATURES

- BODY** Smooth bore and honed seamless steel
- BODY PLATING** Zinc plated for a long-lasting finish
- COMPONENTS** Black anodized, CNC machined 6061-T6 billet aluminum
- PISTON** 6061-T6 hard-anodized high-flow aluminum piston
- VALVING** Tunable, velocity sensitive deburred valve shims
- SEALS** Redundant sealing pack system, main seal, wiper seal, scraper seal
- OIL** JM92 Advanced Suspension Fluid for improved performance at variable temperatures
- PAD** Replaceable Delrin® strike pad
- SHAFT** Hard chromed 4130 steel
- ADJUSTMENTS** Nitrogen pressure

MODEL FEATURES

MODEL	2.0 BUMP STOP	2.5 BUMP STOP
SHAFT	1-1/4"	1-5/8"
TRAVEL	2.0, 2.5, 3.0, 4.0	2.45, 3.75



2.0 BUMP STOP

REPLACEABLE STRIKE PAD is long-wearing and provides silent operation to eliminate bottoming noise.



2.5 BUMP STOP PINCH-BOLT

FLEXIBLE MOUNTING allows the use of different travel lengths without having to reconfigure frame mounts.

2.5 BUMP STOP

EASY ADJUSTABILITY is provided by the FOX Air Valve (FAV) that allows adjustment by varying the nitrogen pressure.



CENTER
 BYPASS
 SMOOTH BODY
 AIR SHOCKS
 BUMP STOP
 ACCESSORIES

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	EXT. LENGTH	COL. LENGTH	RESERVOIR	HOSE LD./LENGTH	MOUNTING BOLT/WIDTH
2.0 BUMP STOPS						
2.0 FACTORY SERIES BUMP STOP PINCH-BOL-T MOUNTING - 1-1/4" SHAFT						
983-02-091	FOX 2.0 X 2.0 BUMP STOP	9.660	7.650	-	-	-
980-02-311	FOX 2.0 X 2.5 BUMP STOP	11.360	8.850	-	-	-
980-02-323	FOX 2.0 X 3.0 BUMP STOP	13.110	10.100	-	-	-
980-02-022	FOX 2.0 X 4.0 BUMP STOP	14.110	10.100	-	-	-
2.5 BUMP STOPS						
2.5 FACTORY SERIES BUMP STOP THREADED TOP MOUNTING - 1-5/8" SHAFT						
980-02-801	FOX 2.5 X 2.45 BUMP STOP	10.800	8.350	-	-	-
980-02-245	FOX 2.5 X 3.75 BUMP STOP	14.819	11.069	-	-	-
2.5 FACTORY SERIES BUMP STOP PINCH-BOLT MOUNTING - 1-5/8" SHAFT						
983-02-126	FOX 2.5 X 2.45 BUMP STOP Pinch-bolt Mounting	11.950	9.500	-	-	-
983-02-127	FOX 2.5 X 3.75 BUMP STOP Pinch-bolt Mounting	14.750	11.000	-	-	-

ACCESSORIES

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	FINISH COMPONENTS
RESERVOIR MOUNTING CLAMPS		
UNIVERSAL RESERVOIR MOUNTING KIT		
026-01-000-B	RESERVOIR MOUNTING BLOCK: 1.340" X 1.000" TALL	BLACK
803-02-002-KIT	RESERVOIR MOUNTING KIT - HOSE CLAMPS & BLOCKS	
803-02-042-KIT	UNIVERSAL RESERVOIR MOUNTING BRACKET KIT - 2 BRACKETS & HARDWARE	
2.0 ALUMINUM RESERVOIR MOUNTING CLAMP		
803-02-044	2.0 PS ALUMINUM RESERVOIR MOUNTING CLAMP	BLACK
ADJUSTERS		
2.0 LSC ADJUSTER		
815-00-036-KIT	2.0 RESERVOIR LSC ADJUSTER UPGRADE	BLUE KNOB
2.5 DSC ADJUSTER WITH ALUMINUM RESERVOIR		
810-03-001-KIT	2.5 DSC ADJUSTER WITH 8" ALUMINUM RESERVOIR UPGRADE	BLACK / BLUE - GOLD KNOB
810-03-000-KIT	2.5 DSC ADJUSTER WITH 10" ALUMINUM RESERVOIR UPGRADE	BLACK / BLUE - GOLD KNOB
810-03-002-KIT	2.5 DSC ADJUSTER WITH 14" ALUMINUM RESERVOIR UPGRADE	BLACK / BLUE - GOLD KNOB
QUICK ADJUST BYPASS (QAB)		
QUICK ADJUST BYPASS (QAB) 3/4 TUBE UPGRADE KITS		
815-03-010-KIT	QUICK ADJUST BYPASS (QAB) 3/4 TUBE COMPRESSION UPGRADE KIT	BLUE KNOB
815-03-011-KIT	QUICK ADJUST BYPASS (QAB) 3/4 TUBE REBOUND UPGRADE KIT	RED KNOB

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	FINISH COMPONENTS
SPANNER WRENCHES		
2.0 SPANNER WRENCHES		
398-00-025-A	2.0 COIL-OVER PRELOAD / BACKUP SPANNER RATCHET SOCKET	ZINC
398-00-370	2.0 COIL-OVER PRELOAD / BACKUP SPANNER WRENCH	ZINC
803-00-766	2.0 PIGGYBACK BRIDGE SPANNER WRENCH	BLACK
2.5 SPANNER WRENCHES		
398-00-025-A	2.5 PIGGYBACK BRIDGE SPANNER WRENCH	ZINC
803-00-732	2.5 ALUMINUM COIL-OVER PRELOAD SPANNER WRENCH	BLACK
803-00-733	2.5 ALUMINUM COIL-OVER BACKUP SPANNER WRENCH	BLACK
3.0 SPANNER WRENCHES		
803-00-734	3.0 ALUMINUM COIL-OVER PRELOAD SPANNER WRENCH	BLACK
803-00-735	3.0 ALUMINUM COIL-OVER BACKUP SPANNER WRENCH	BLACK
NITROGEN FILLER GAUGES		
FOX AIR VALVE (FAV) NITROGEN FILLER GAUGES		
802-02-002-A	0-60opsi FOX AIR VALVE (FAV) NITROGEN FILLER GAUGE	
BULLETS - ROD GUIDE / BEARING HOUSING SEAL INSTALLATION TOOL		
ALUMINUM BULLETS - ROD GUIDE / BEARING HOUSING SEAL INSTALLATION TOOL		
398-00-094-A	5/8 SHAFT BULLET - ROD GUIDE / BEARING HOUSING SEAL INSTALLATION TOOL	
398-00-095-A	7/8 SHAFT BULLET - ROD GUIDE / BEARING HOUSING SEAL INSTALLATION TOOL	

SERVICE

PART NUMBER	DESCRIPTION DIAMETER / TRAVEL / TYPE	FINISH COMPONENTS
VALVE SHIM REVALVE KIT		
VALVE SHIM REVALVE KIT		
803-01-010-A	VALVE SHIM REVALVE KIT 2.0 - 2.5 - 3.0	
803-01-023	VALVE SHIM REVALVE KIT 2.0 - 2.5 - 3.0 - 3.5	
OIL		
PROPRIETARY SHOCK OIL		
025-03-011	FOX JM92 ADVANCED SUSPENSION FLUID QUART	
025-03-012	FOX JM92 ADVANCED SUSPENSION FLUID GALLON	
025-03-013	FOX JM92 ADVANCED SUSPENSION FLUID 5 GALLON	
025-03-014	FOX JM92 ADVANCED SUSPENSION FLUID 55 GALLON	

