

RMK FLOAT REAR SUSPENSION INSTALLATION GUIDE

853-21-020 - KIT: BURANDT SIGNATURE SERIES AM, POL, RMK KHAOS, FT [11.95, 3.46] 1.5 FLOAT 3 QS3 LRW, RT [17.02, 5.56] 1.5 FLOAT 3 QSL LRW

853-21-022 - KIT: BURANDT SIGNATURE SERIES AM, POL, PRO-RMK, FT [11.55, 3.26] 1.5 FLOAT 3 QS3 LRW, RT [17.02, 5.56] 1.5 FLOAT 3 QSL LRW

853-21-255 - KIT: FOX FACTORY AM, POL, PRO-RMK, FT [11.55, 3.26] 1.5 FLOAT 3 QS3 LRW, RT [17.02, 5.46] 1.5 FLOAT 3 EVOL QSL LRW

853-21-256 - KIT: FOX FACTORY AM, POL, RMK KHAOS, FT [11.95, 3.46] 1.5 FLOAT 3 QS3 LRW, RT [17.02, 5.46] 1.5 FLOAT 3 EVOL QSL LRW

NOTICE: Orienting the shocks improperly can cause interference with the action of the rear suspension, resulting in possible loss of control and rider injury or death. If you do not possess the tools or technical knowledge to mount your FOX shocks, have it performed by an authorized dealer.

Installation may require the removal of the rear suspension from the snowmobile. Note limiter strap setting. Mount your FOX shocks as illustrated in Figure 1. See the manufacturer's workshop manual for proper procedures. Torque all fasteners to the manufacturer's specifications.



Fig. 1: RMK application (right side shown)

ALL SHOCKS SHIPPED PRESET TO FACTORY SETTINGS SET AT 70°F

It is recommended that you check air pressure on initial setup before riding. Pressures should read 5-10 psi lower than Factory Settings. This is caused by the air in the shock filling the pump.

NOTE: ALWAYS SET EVOL CHAMBER AIR PRESSURE BEFORE SETTING MAIN CHAMBER AIR PRESSURE.

ADJUSTING PRELOAD

Your FOX Float 3 rear suspension utilizes air pressure to adjust suspension preload. Use the chart shown below to identify the proper air pressure setting for your application. Remove all weight off the suspension when adjusting the air pressures. All settings below are general starting points. Position #2 is the standard setting for QS3 and QSL shocks. See 605-01-234 Owner's Manual for full sag setting details and other safety information.

RMK LENGTHS & PRESSURES						
FOX P/N	DESCRIPTION	SHOCK LENGTH	SHOCK STROKE	COMPRESSED LENGTH	MAIN CHAMBER	EVOL CHAMBER
951-21-022 951-21-248	POL, PRO-RMK, FT [11.55, 3.26], FLOAT QS3	11.55"	3.26"	8.29"	0-10 PSI	N/A
951-21-020 951-21-249	POL, RMK-KHAOS, FT [11.95, 3.46], FLOAT 3 QS3	11.95"	3.46"	8.49"	0-10 PSI	N/A
952-21-020 952-21-253	POL, RMK, RT [17.02, 5.46], FLOAT 3 EVOL QSL	17.02"	5.46"	11.56"	135-145 PSI	140-150 PSI