

2019 XR1 SET-UP PROCEDURE

- Make sure car has all fluids and parts, start engine prior to set up (this will circulate oil). Scale with 17 gals fuel and drivers weight in cockpit.
- Air Pressures for Scaling LF-8-10...RF-12-14...LR-6-8...RR-10-12.....Stagger 1"-Front 4"-Rear
- Use a set of shocks & springs for "Scale Shocks" other than "Race Shocks". The only purpose for scaling is to set left & rear percentages, front end settings and rear end alignment (side to side measurement and pinion angles).

DO NOT SCALE CAR WITH RACE SHOCK NUMBERS

Numbers For Scale Shocks

LF- 16.500- 700-725.....RF- 17.750- 650 (old double hole shock mount)

* RF-18.250- 650 (new single hole shock mount)

LR-18.625- 700-725..... RR-20.000- 300

Recommended Percentages

Left Side-54-54.5% Rear- 52-52.5%

Add ballast accordingly to meet weight limit

Front End Settings

LF-Caster +4.0 LF Camber +5.750-+6.0

RF-Caster+6 RF Camber -5.75 - -6.0

¾" Toe Out (RF Tie Rod Preset 19 7/8") Bigger Tracks

1" Toe Out (RF Tie Rod Preset 19 7/8") Smaller Tracks

Rear End Alignment

Panard Bar 8 ¾"from bottom of chassis to center of slider. Bottom slot on pinion. Appox length 20 ½"-20 5/8 "

Check side to side alignment from outside of right lower lift bar plate to inside of RR underslung bar.

Winters-8" Frankland 7 ¾"

Bottom of lift bar should be level. The measurement from bottom of top 5th& 6th coil bar to center of bolt in front of lift bar should be 21 1/4"

Preload 5th coil... 1/4"-3/8" or 18.125 – 125lbs if using spring smasher.

Preload 6th coil.....3/8"to 1/2"

Pinion Angle 4-5 degrees down.

Add Ballast as needed. Recommended locations 1- Vertical bar in front of 5th coil. 2- bar under master cylinders

3-bar behind driver left of 4-link mounts.

Take Scale Shocks off and Install Race Shocks setup on spring smasher as recommended.