

2024



XR1.2



2024 ROCKET XR1.2 SET-UP SHEET

CHASSIS MOUNT LOCATIONS:

REAR UPPER SHOCK MOUNT PLATES ARE TO BE BOLTED ON, SO THAT THE STRAIGHT EDGE OF PLATES ARE FACING TOWARDS THE CENTER OF THE CAR

4-LINK PLATES: LR BOLTED TO THE INSIDE OF THE TABS , RR BOLTED TO THE OUTSIDE OF THE TABS, USING THE CENTER HOLES OF THE PLATES

STANDARD SHOCK MOUNT LOCATIONS:

LF: INBOARD / RF: OUTBOARD / LRF: OUTBOARD, 4" DROP ON BIRDCAGE / LR: CENTER ON TOP, OUTBOARD ON BIRDCAGE, BOTTOM HOLES / RR: OUTBOARD, TOP HOLES

BUMP STEER SETTINGS:

LF @ RACK: 9/16" / RF @ RACK : 1 1/16"

FLIP RACK SPACERS RIGHT SIDE ON LEFT – LEFT SIDE ON RIGHT

LF: .400" SPACER AT SPINDLE / RF: .200" SPACER AT SPINDLE - PRESET RF TIE ROD TO 19 7/8"

LF & LR DROP:

WOO/LUCAS LIMITER: SET DROOP AT 18 3/4" - 19" WITH BARS IN STANDAR POSITION. LENGTHEN LR TOP ROD TWO TURNS (17 1/2" C-C LONG). 1" TALL WHITE R.E. PUCK

USING SPRING LIMITER: SET LR DROP @ 18 3/4", WITH REAREND HANGING AND NO SHOCK ATTACHED / SET LF DROP, BY SETTING THE LF SHOCK CENTER TO CENTER @ 18.25" WHILE HANGING

J-BAR: 8 3/4" UP ON FRAME, 5/8" BELOW CENTER OF PINION, START @ 21" C-C

REAREND LOCATION:

SET THE LATERAL LOCATION BY MEASUREING FROM THE OUTSIDE OF THE LOWER LIFT BAR PLATE, OVER TO THE RR UNDERSLUG BAR. **WINTERS / DMI 8", FRANKLAND 7 3/4"**

STARTING 4-LINK ROD LENGTHS & POSITIONS:

RT ROD – 18" CC (ALL THE WAY UP ON CAGE , 2ND HOLE DOWN ON FRAME)

RB ROD – 15" CC (ALL THE WAY DOWN ON CAGE, TOP HOLE ON FRAME)

LT ROD – 17.5" CC (FIRST ROW TOP HOLE ON CAGE, 3RD ROW BOTTOM HOLE ON FRAME)

LB ROD – 15" CC (BACK ROW TOP HOLE ON CAGE, 1ST ROW CENT ER HOLE ON FRAME)

FRONT END SETTINGS:

CASTER - LF: +4 , RF: +6 / CAMBER - LF: +6 , RF: -5 / 5.5 MAX / TOE OUT: 2"

PERCENTAGES: LEFT SIDE %: 54.0 / REAR %: 52.5 – 53.0 / WEDGE: 140# - 150#

LIFT BAR:

USE 10" 300# 5th COIL SPRING, PRE-LOAD 1/4" /SET 5th COIL SHOCK AT 38" ON LIFT BAR /5 DEGREES OF PINION ANGLE/350# 6th COIL SPRING, PRE-LOAD 1/2"

STABALZIER BAR 13 ¾

LIFT BAR HEIM MEASUREMENTS: CENTER OF HEIM TO START OF LIFTBAR TUBING. TOP 2" BOTTOM 1 5/8"

AIR PRESSURES: LF: 8-9psi / RF: 11-12psi / LR: 6-7psi / RR: 10-11

STAGGER: 0-1" FRONT / 3 -4" REAR

LOWER CONTROL ARM MESUREMENTS:

CENTER OF GREASE FITTING TO CENTER OF HEIMS.

RF: 27 1/2" 19 1/8" LF: 26 1/2" 17 1/8"

UPPER CONTROL ARMS

RF – 8 ¼ (0 GOLD KEY IN UPPER) (1/2 SLUGS HOLE DOWN ON FRAME)

LF – 11 ¼ (0 GOLD KEY IN UPPER) (1/2 SLUGS HOLE UP ON FRAME)

BIRDCAGE LOCATION:

OUTSIDE OF ROTOR TO OUTSIDE OF ROTOR 54 3/8

RR AXLE TUBE – 30 1/8

LR AXLE TUBE – 25 5/8

OUTSIDE OF ROTOR TO SHOCK MOUNT

RR – 8 5/16

LR – 7 5/8

MOTOR LOCATION:

MEASURE FROM FLAT SPOT ON THE RACK WHERE IT IS STAMPED "SWEET" , TO CENTER OF THE CRANK BOLT.

MID PLATE FAR RIGHT HOLES ON FRAME.

CRATE: 5 3/8" BOTTOM HOLE ON MIDPLATE **SUPER:** 4 3/8" TOP HOLE ON MIDPLATE

XR1 DRIVE SHAFT LENGTHS:

BERT/FALCON 37"

BRINN: 34 1/2"

5TH AND 6TH COIL MEASUREMENT:

FROM BACK OF DASH BAR TO FRONT OF MOUNTS:

5TH COIL: 19"

6TH COIL 14"

6TH COIL OVERALL LENGTH: MEASURE FROM BOTTOM OF 6TH COIL MOUNT TUBE TO CENTER OF LIFT BAR BOLT AT RIDE HEIGHT 21 1/4"

***** SET UP WITH ALL PARTS, FLUIDS, 17 GALLONS OF FUEL, & THE DRIVER'S WEIGHT IN COCKPIT *****

XR1.2 SHOCK SET UP

LF SPRING

10" 525

16.50" 720/750

LR SPRING

12"90/12"125 STACK

18.625 700-800

22.625 250

16" 125

23.625 100

RF SPRING

8"175/8"500 STACK

15.250 1100-1130

14.250 1500-1530

13.250 2450-2500

14" 175 W/ BLUE PENSKE

14.250 1500-1550

13.250 2200-2300

14" 200 W/ BLUE PENSKE

14.250 1500-1550

13.250 2200-2300

RR SPRING

10" 250 SWIFT W/ 2" SPACER

20" 500

18" 1000-1100

FOR SLICK 10" 225 SWIFT W/ 2" SPACER

20" 400

18" 1000-1100

3 – RED 1" RUBBERS OR 1 BLUE / 2 RED