

S & W RACE CARS

PART No: **05-019**
GENERAL NOTES
SWING ARM REAR ENGINE DRAGSTER CONVERSION

INITIAL CHASSIS SET UP

4-LINK BARS: ASSEMBLE TOP LINKS SO THEY ARE 19 7/8" CENTER TO CENTER OF ROD END
ASSEMBLE BOTTOM SWING ARM SO THAT THE ROD ENDS ARE 20 7/16"
CENTER TO CENTER
INSTALL TOP & BOTTOM BARS WITH TORSION BAR LINKS DISCONNECTED.

TOP BARS;
USE TOP HOLE ON REAR HOUSING BRACKET.
USE 3rd HOLE DOWN ON CHASSIS BRACKET.

SWING ARM (BOTTOM BARS)
USE BOTTOM HOLE ON REAR HOUSING BRACKET.
USE 2ND HOLE UP ON CHASSIS BRACKET.

NOTE: THERE SHOULD BE NO PRE LOAD ON ANY OF THE 4-LINK BARS AT THIS POINT.

SHOCKS: CENTER TO CENTER DISTANCE OF SHOCKS SHOULD BE 13 1/2".
SET BOTH ADJUSTER KNOBS TWO (2) CLICKS IN THE POSITIVE DIRECTION.
(THESE SETTINGS ARE FOR STRANGE ENGINEERING DOUBLE ADJUSTABLE SHOCKS. CONTACT S&W OR THE SHOCK MANUFACTURE IF YOU ARE NOT USING THESE SHOCKS)

PRE LOAD: SHORTEN TOP RIGHT 4-LINK BAR TWO (2) FLATS.
NOTE; TORSION BAR LINKS SHOULD BE DISCONNECTED BEFORE PRELOADING 4-LINK.

TORSION BAR: INSTALL THE LEFT TORSION BAR LINKS WITH THE WEIGHT OF THE CAR ON THE SUSPENSION.
WITH LINK INSTALLED THERE SHOULD BE NO FREE PLAY BETWEEN THE TORSION BAR AND THE REAR HOUSING. REMOVE ANY PLAY BY MAKING THE LINK LONGER.
INSTALL THE RIGHT TORSION BAR LINK. AGAIN THERE SHOULD BE NO FREE PLAY.
PRE LOAD THE RIGHT SIDE TORSION BAR LINK. WITHOUT DISCONNECTING THE LINKS MAKE THE RIGHT SIDE LINK LONGER BY TURNING IT ONE FLAT.