

# Stage 1 "New" Slip Joint Top Dragster Package

## **Chassis Features**

- This chassis is built to handle the high horsepower combinations used in today's Top Dragster eliminator and outlaw classes.
- Each chassis is designed to the customer needs
- > Choice of a 245" to 270" chassis
- Chassis is made using Aircraft Grade 4130 Chromoly tubing
- Built on special jig fixture
- Welded using signature Race Tech designed process
- Annealed welds in critical areas
  (This stress relieves the area around the weld)
- Chassis meets current SFI 2.5C spec
- ➤ Grade 8 hardware used throughout

#### Steering

- Narrowed streamline aero tube a-arms for better aerodynamics
- 4130 Chromoly spindles and steering arms
- Billet tow caps
- Billet steering rack with dust boots
- > 4130 Chromoly Tie rods
- Splined steering coupler with keyed pinch bolt
- Steering column safety stop (To protect driver on frontal impact)
- Nylon bushing in dash
- Polished aluminum butterfly steering wheel with billet profiled grips

### Rear End

➤ CAD designed fabricated 9" rear housing, extra narrow design to keep tires tucked in close for better aerodynamics.

- > 3<sup>rd</sup> member mounting studs
- > Face plate reinforcement ring
- > Face plate gussets
- Olds housing ends (Full floater ends available)
- Aluminum filler cap
- Drain plug
- Bronze breather vent
- > 3/16" 4130 Chromoly Mounting brackets
- > Fully welded inside and out
- Anti-rotator mounts

## Body

- Custom fit 5052 grade .040 aluminum body
- > Aero design body and ground effects lip
- Ground effects lip doubled under for strength
- Light weight composite aerodynamic nose piece
- Equal length aircraft quality aluminum Dzus buttons so they fit any location
- Light weight Dzus button tabs
- Preformed MR 10 polycarbonate windscreen
- Stainless button head windscreen mounting screws
- > Flush mounted access door with hardware

## **Driver Compartment**

- Light weight composite seat with shoulder contour pocket
- Custom contoured carbon fiber dash with gauge holes
- Removable carbon fiber dash cover
- Removable carbon fiber floor pans
- Removable carbon fiber firewall
- Removable leg protection panel
- Dual Chute handle and cable mounts
- Shifter mount
- > Throttle pedal
- Throttle pedal stop
- > Throttle Cable Mount
- Brake pedal
- Master cylinder push rod
- Pedal mounts have 5" of adjustment
- Seat belt mounts designed for proper belt anchor location
- ➤ 1/8" Aluminum blowshield with Race Tech logo behind driver
- Seat belt hooks

- Ground stud
- ➢ 6 Point low profile roll cage
- Special design helmet hook
- Roll cage exit handles

#### **Rear Frame Section**

- > 4 Gallon aluminum fuel cell with tall filler neck
- Billet aluminum fuel cap
- Vent and fittings included with tank
- Rubber isolator fuel cell mounts
- Fuel cell mounting tray
- Fuel pump mount
- > 1/2" 6061 T6 CNC Profiled aluminum front engine plate
- > 1/2" 6061 T6 CNC Profiled aluminum rear engine plate
- Engine mounting plate saddles
- Stainless steel aircraft t-bolt clamps
- Grounding studs
- Battery cable slot in frame
- Cable pass through in uprights (Keeps wires off side of midplate)
- Belly pan tabs
- Mono wing mounting tabs
- Removable dual chute pack mount
- Dual Chute lanyard mount tabs and spacers
- Lateral limiter tabs
- Kill switch cable mount tab
- Brake line tab
- Anti-rotator mount
- Special narrowed design framework and rear housing mounts

#### **Front Frame Section**

- Special slip joints allowing for more flex with less stress on weld areas
- Master cylinder mount and gusset
- Battery cable slot
- Brake line slot
- Light weight nose battery mount
- Battery mount kit
- Ground studs
- Battery charging bung tab
- Relay mounting tabs
- Kill switch mounting tab

