

# **RACE TECH**

**RACE CARS AND COMPONENTS, INC.**

## **Stage 1 Swing Arm Mono Shock Dragster**

### **Chassis Features**

- CAD designed for proper driveline angle and instant center locations; Unlike other builders Race Tech does not add a suspension on the back of a hard tail dragster.
- Our swing arm suspension does not require the Big Gun or mono tube type shocks to work properly. The reason other brands have to use these shocks is because the shock angle is too severe, creating too much load for the shock to handle.
- Choice of a 200" to 250" chassis
- Reinforced areas for the increased stress from today's horsepower
- 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**

- Streamline aero tube a-arms
- 4130 Chromoly spindles and steering arms
- Billet tow caps
- Billet steering rack with dust boots
- 4130 Tie rods and hardware
- 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 and Suspension***

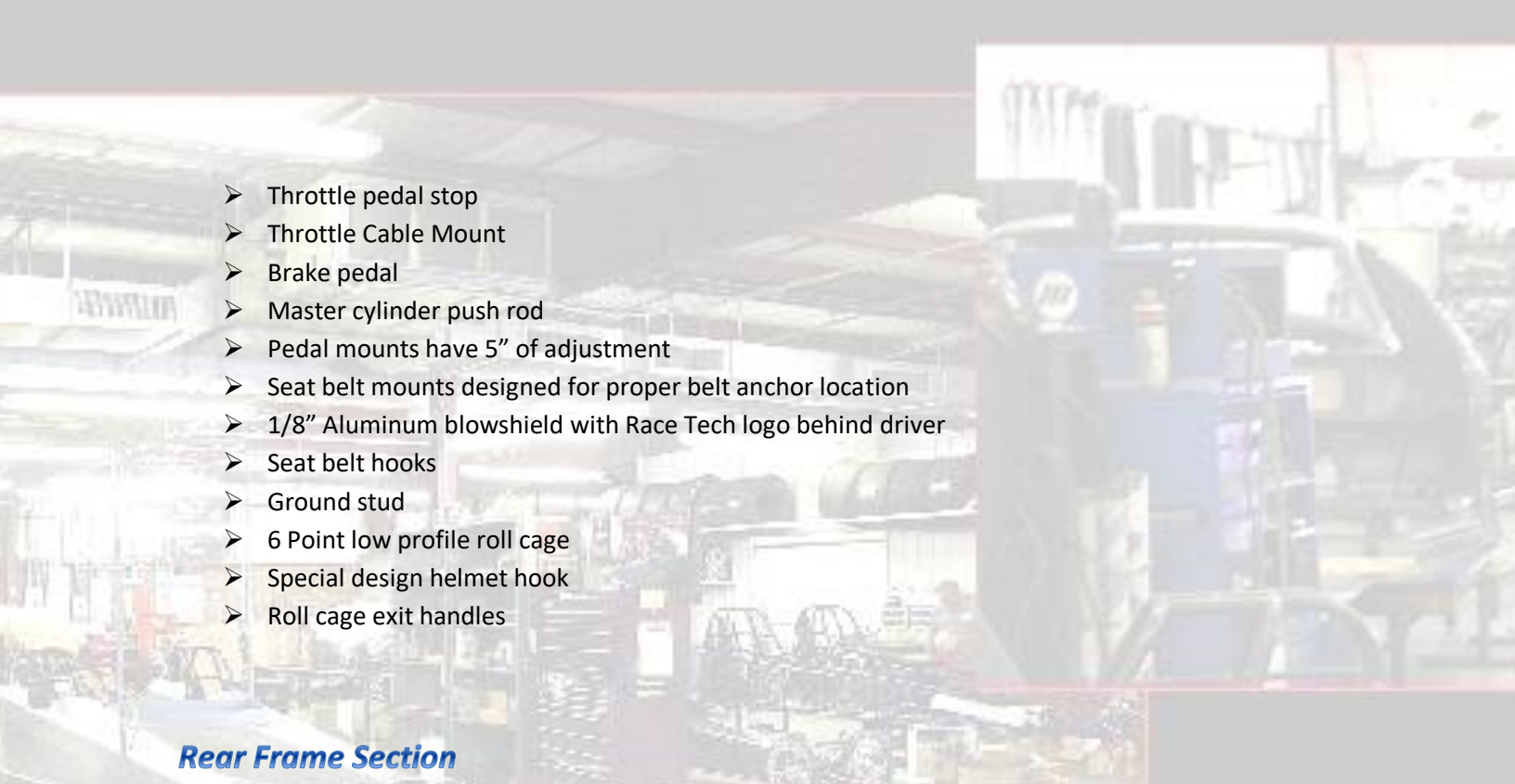
- CAD designed fabricated 9" rear housing
- Strong lightweight design
- 3<sup>rd</sup> Member mounting studs
- Face plate gussets
- 4-link brackets designed for proper geometry
- Special bracket reinforcement
- Integrated shock mounts
- Olds housing ends
- Aluminum filler cap
- Drain plug
- Bronze breather vent
- Fully welded inside and out
- Special AFCO double adjustable shock
- Chrome AFCO spring
- Heavy duty 1-1/4" x .095 Chromoly swing arm
- Heavy duty 1-1/4" x .095 Chromoly upper 4-link bars
- 4130 Heavy duty rod ends

## ***Body***

- Custom fit 5052 grade 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 Dzus buttons so they fit any location
- Light weight Dzus button tabs
- Preformed scratch resistant 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 aluminum dash with gauge holes
- Removable aluminum dash cover
- Removable Aluminum floor pans
- Removable Aluminum firewall
- Removable leg protection panel
- Chute handle and cable mount
- Shifter mount
- Throttle pedal

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- 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***

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- 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
  - 1/4" 6061 T6 CNC Profiled aluminum front engine plate
  - 1/4" 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
  - Wing mounting tabs
  - Removable chute pack mount
  - Chute lanyard mount tabs and spacer
  - Lateral limiter tabs
  - Kill switch cable mount tab
  - Brake line tab
  - Driveshaft safety loop
  - 4-link brackets designed to match our housing geometry
  - Integrated upper shock mount

### **Front Frame Section**

- Master cylinder mount and gusset
- Battery cable slot
- Brake line slot
- Your choice of standard battery location or nose mount
- Battery mount kit
- Ground studs
- Battery charging bung tab
- Relay mounting tabs
- Kill switch mounting tab
- Kill switch cable mount tab
- Steering rack mount
- Ballast mount
- Canard wing mounting tube

**Stage 1 price.....\$16900.00**

**We can build this car from Stage 1 to any level of completion. Call us for a quote today!**

