

Instant Karma Raffle Car

Undercover Motorsports, Inc.

“NEW” 2012 Dual Shock Swing Arm Dragster

“Patent applied and pending”

CHASSIS:

248” wheelbase

We build each chassis with Aircraft grade–Mil spec 4130-N “Domestic Grade”

Chromoly tubing. **Not CHEAP Chinese grade!!!!**

All tubing is cut in a CNC saw with a fluid bath to minimize heat build up!

All tubing is CNC mill notched for a precision fit to provide maximum strength and integrity at each welded joint!

All tubing bent is bent in a CNC tubing bender for consistent accuracy and to minimize tube stretching. This minimizes fatigue in those areas and allows for long lasting dependability....

Each Chassis is constructed on a jig fixtured table to provide proper alignment and containment throughout the welding process.

Each Chassis is heli arc welded by a “**Professional Welder**”, who welds each chassis in a special rotational & staggered procedure to minimize heat build up!!

Each Chassis is welded with a special low heat “deep penetration” welding process.

Each Chassis meets SFI spec 2.5B, this meets 7.50 & quicker, spec’s as fast as 6.30

Each Chassis is “engineered and designed to the absolute **highest quality** standards.

EVERY UCM CHASSIS COMES WITH A 10 YR WARRANTY AGAINST ANY WELD BREAKS! OR CRACKS IN FRAMES DUE TO POOR WELDS OR POOR CRAFTSMANSHIP....

FRONT END AND STEERING:

Custom narrow stance A-arms designed for a tight turning radius!

“**LARGE**” Heavy Duty Streamline aero tube A-arms “**UPPER & LOWER**”

Stiletto 4130 chromoly spindles, spindle arms, tow caps and hardware

4130 chromoly tie rods with 4130-3/8 heims and offset washers

Stiletto Billet aluminum rack & pinion with dust boots

Custom profiled 6061 T-6 aluminum rack & pinion mounting plate

Custom aluminum butterfly steering wheel with special made profiled grips

Lightweight steering shafts

Steering shaft “**SAFETY FRONTAL IMPACT**” blow back mount

Steering shaft in dash nylon idler bushing

BODY AND INTERIOR:

Custom aero dynamic body is built out of 5052-.040 aircraft grade aluminum

Body is laid out, cut, sheared, trimmed, filed, de-burred and fitted by craftsman...

Body has built-in lower ground effects lip

All interior and exterior panels’ dzus in and out for easy access!

MR 5000 custom molded windscreen

Mil-spec dzus fasteners and springs

Custom molded fiberglass aerodynamic nose piece - Hand laid glass!

Custom molded fiberglass seat with all seat belt cut outs – Hand laid glass

Custom traditional “Undercover Motorsports” embroidered seat cover

Custom aluminum fitted floor pan

Custom aluminum fitted firewall

Custom aluminum fitted leg protection plate

Custom aluminum fitted ignition component tray

Custom aluminum multi level (wrap around) dash w/ gauge cut outs

Custom aluminum over-lapping removable dash cover

Custom aluminum CNC “Engraved” driver protection blow shield

Custom aluminum rear suspension cover pan

CHASSIS MOUNTS, TABS AND ACCESSORIES:

Note: All welded brackets and tabs used on UCM cars are 4130 chromemoly

We do not use mild steel on our race cars!!!!!!!

Battery hold down strap

Choice of battery mount locations. In nose or mid mount.

Battery charging lug mount

Custom K&R - Digital Delay - circuit board or relay board mount

Interior light mounts throughout

Master cut off switch mount

Master cut off cable mounting tab

Rear master cut off cable mount

Parachute cable mount

Parachute lever and mount

Parachute mount

Parachute lanyard mount

Rear mono strut wing mounts

CHASSIS MOUNTS, TABS AND ACCESSORIES CONT

Rear Nitrous rack tabs

5 gallon “heavy duty” clear polyethylene fuel cell “CUSTOM BUILT”

Custom fuel cell filler neck & cap

Fuel cell “safety” rollover valve & fittings

Fuel cell cover strap

Steel lower fuel cell tray

Fuel cell light mount with custom L.E.D light

Gas and brake pedal assembly mounts

Adjustable gas and brake pedal assembly with positive brake and gas pedal stops

Fully adjustable brake rod w/ stop

Easy adjustable throttle cable mount

Seat belt mounts and lower seat belt hooks

Upper seat belt hooks and helmet tab

Roll cage exit handles

Head rest mount

Master cylinder mount **extra strong** no flex

Master cylinder gussets

Brake line mounting tab

Chassis cable & wire hole covers

Ignition tray mounts

Blow shield mounts

Dash mounts

Radiator mounts

Transmission ring and engine limiter struts

Transmission cooler mounts

Transmission puke tank mount

Convertor remote starter button mount

Electric fuel pump mount

Shifter mount

Recovery tank mounting plate tabs and mounting plate

¼” 6061 T-6 aluminum CNC cut, drilled & profiled front motor plate

¼” 6061 T-6 aluminum CNC cut, drilled & profiled mid motor plate

Extra heavy duty upper and lower mid motor plate mounts

Engine saddles for front motor plate

Aircraft grade T-bolt clamps

Engine belly pan mounts

Lightweight dzus tabs

Additional ground tabs throughout

Tie strap mounts “no more tie straps around lower frame rails”

REAR END AND SUSPENSION COMPONENTS:

9” fabricated rear end housing – TRUE 4-LINK HOUSING!

¼” Machined front face plate

Internal face plate gussets in upper and lower galleys

Complete housing is welded inside and out

3.250 X .250 chromoly axle tubes. These tubes are welded inside and out!

Axle tubes have anti roll prevention built in housing and tubes

Extra heavy duty back bracing to reduce any housing flex

Lamb symmetrical housing ends

Fill and gear inspection cap and bung

Drain plug and exhaust pressure vent

3/16” 4130 chromoly rear 4 link brackets with support plates

Lower 4 link bracket lateral support tubes

1/8” 4130 chromoly front 4 link brackets with support plates

1 ¼” .095 4130 chromoly upper 4 link bars

1 ¼” .095 4130 chromoly lower x link with adjustable slider tubes

Custom engineered A-frame – X link designed for a swing arm application, creating a 2-1

shock ratio. This allows you to run a higher spring rate giving you additional rear traction

Extreme High Quality 4130 chromoly heim joints used throughout!!! **No Mild Steel**

“Dual” double adjustable Afco Big Dog racing shocks & springs

Heavy duty driveshaft-No trans yoke

Car is completely assembled with grade 8: bolts, washers & poly nuts

Your chassis is built and assembled by our award winning staff. The attention to detail is 2nd to none! We guarantee each and every employee @ Undercover Motorsports takes great pride in the quality, workmanship and engineering that goes into each individual car. Our commitment to “you” the customer, to the industry & ourselves is to continue to strive towards excellence!

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BODY OPTIONS:

Ignition access door
Floor tunnel –glove box combo
Carbon fiber floor tunnel –glove box “upgrade”
Carbon fiber dash & dash cover “upgrade”
Carbon fiber one-piece body “upgrade”

POWDER COATING:

Powder coated interior
Powder coated chassis
Powder coated radiator

COOLING SYSTEMS:

Ron Davis aluminum radiator, fan & shroud
Ron Davis aluminum radiator, fan & shroud mount kit
Heavy-duty “racing” trans cooler
Trans cooler mount kit

CABLES:

Complete morse cable kit: includes, extreme high-quality non-binding throttle cable, parachute cable, master cut off cable & all the necessary hardware needed to mount.

Cockpit master cut off cable kit –inside drivers compartment

“Upgrade” plastic T handle on rear master cable kit to billet knob

“Upgrade” plastic T handle on cockpit master cable kit to a billet knob

AXLES:

Strange hy-tuff 40-spline complete axle kit

BRAKES:

Strange dual caliper mounting brackets

WHEELS & TIRES:

Weld V series 16 x 16 rear wheels –black anodized
Weld V series 17 x 2.5 front wheels –black anodized
Hoosier set of 22.0 x 2.5-17 front tires

CHROME:

Tie rods
Spindle arms
Tow caps
Fuel cell cap
Blow shield
Trans ring
Trans struts
Radiator shroud
Cockpit master cut off knob
Master cut off knob
Parachute lever

WING:

Small mono strut carbon fiber wing w/ custom mount plate

SERVICES:

Install complete brake line kit

PAINT:

Painted body graphics on one piece carbon body