



ROBBY GORDON – TODD ROMANO

DANIEL GRANGER – KYLE SWOBODA

SPEED  UTV

Design Presentation Document

FOR PUBLIC RELEASE: 05/06/2020

- **Horsepower: 230hp-300hp (e85)**
- **Wheelbase: 120"**
- **Ground clearance: 15"**
- **32" tires stock , will clear up to 35" tires**





John Tommila The questions I have.

Will there be more than one spring rate for each car to choose from ?

Will the steering links be 7075 like your XX upgrades from the factory ?

[Like](#) · [Reply](#) · 32m

- **Several Spring Rate Options at Speed SXS after the car is released for different passenger loads.**
- **7075 Tie Rods**
- **Review why narrower suspension wont mount to 77 Chassis**



Arin F Lousignont Robby. I have preordered a 4 seater. My biggest concern is owning a car with no local dealer infrastructure. Any warranty work, recalls, bug fixes aren't going to happen without a local service center. Is there anything you can tell us beta testers to put our minds at ease?

Like · Reply · Message · 1d



↪ 2 Replies



David Silverman Just wondering what after sale support will be like. Parts availability from the factory and the likelihood after market companies will make products for speed SxS.

Like · Reply · Message · 1d

- We are working with dealers in the 15 western states in all major cities.
- For example Arin we looked up your master unit number of 742 and noticed you are located in Nevada and we are working with ATV Cyclesports in Las Vegas.



Nicholas Olson Since today's video is about suspension, I'd like to hear about shock stroke as it relates to performance. My thought is that the longer stroke shocks on the rear of the X3 are an advantage. Curious why you guys didn't go with longer stroke rear shocks, even though the interchangeable aspect is cool.

Like · Reply · 1h · Edited



Doris Wells 🖐️ I'm no suspension expert, but I've always wondered the opposite. That long stroke seems wasteful and a lazy way to get travel numbers. Engines have an "optimal" stroke to bore ratio, always figured that must apply to shocks to some degree? It's still a... [See More](#)

Like · Reply · 1h



Nicholas Olson **Doris Wells** I've been told 1.5:1 for motion ratio is ideal, I hope the Speed Team talks about this tonight 👍

Like · Reply · 1h

Speed UTV Shocks
Front Shock Stroke is 11"
Rear Shock Stroke is 12"

For example the Unicorn has 2 to 1 shock ratio on the rear shock for 38" of wheel travel

Like · Reply · 4h



Jimmy Tyner How will the front diff secure to the chassis?
Seems this connection could structurally be a weak point?

Like · Reply · 19h



Toby Hank Having the front diff as the main structure for securing the chassis/front suspension is what's making it structurally superior. If you poke around a little, you'll notice there are aftermarket gusset kits for every other manufacturer who's tried building a chassis around a diff.

Like · Reply · 18h · Edited

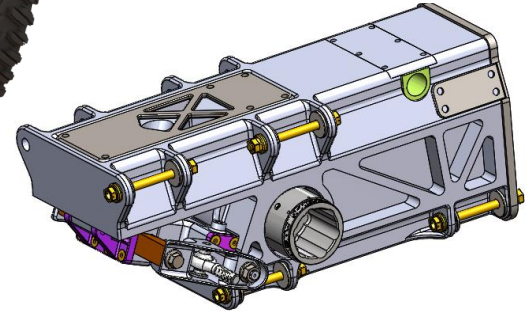
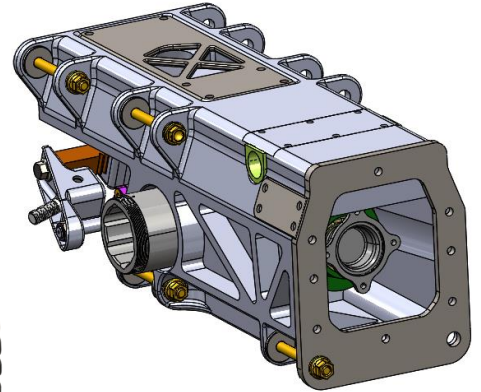
**Review Front Bulk Head
(See next page)**

PATTENTED BULKHEAD

SPEED  **UTV**



- Patented RG AWD Trophy Truck (Unicorn) inspired Bulkhead
- Mounts suspension, steering, and front differential all in one structure



GENERAL

SUSPENSION

STEERING

CHASSIS

BODY

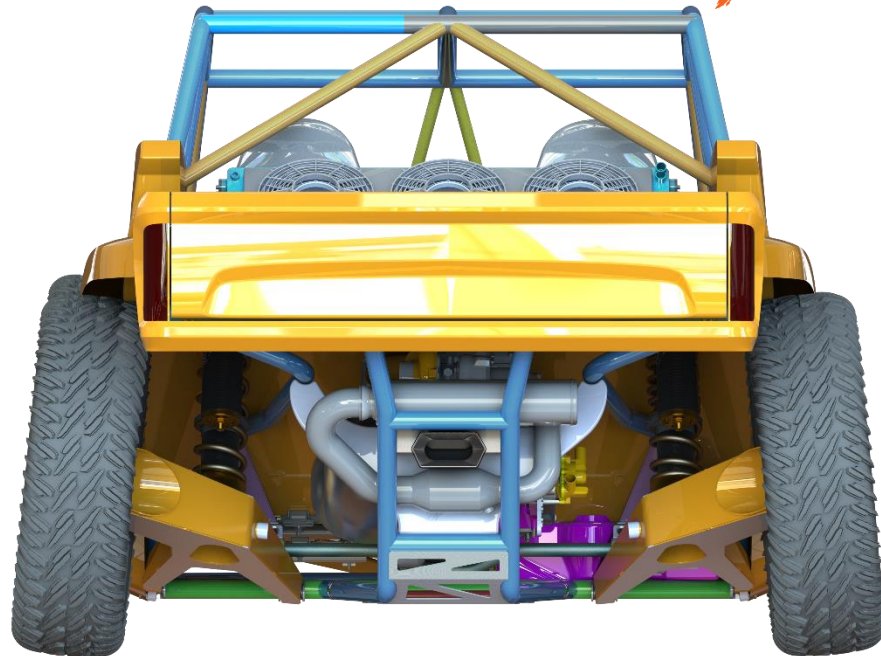
INTERIOR

DRIVETRAIN

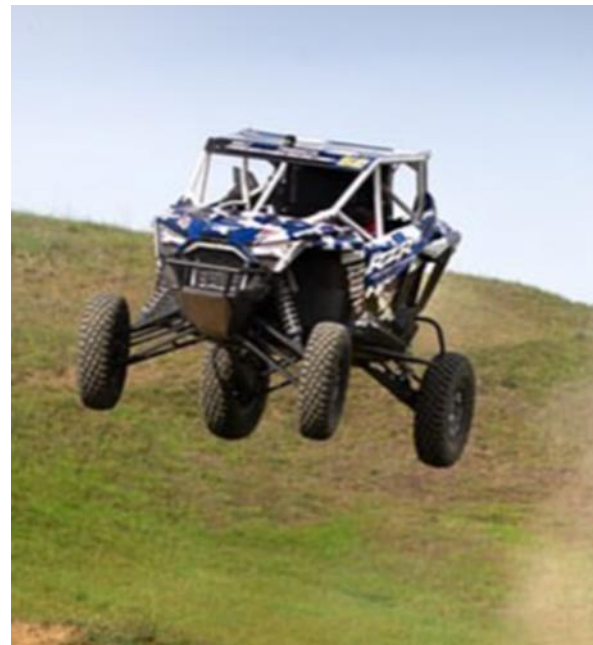


- Negative Camber Gain
- Bump & Droop
- RG to explain front track change





- Negative Camber Gain

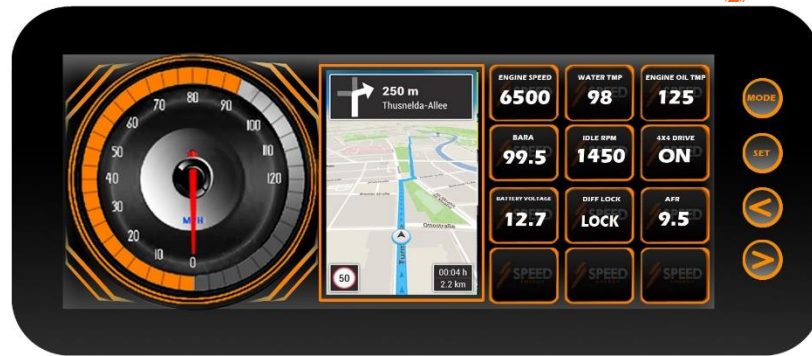


- Positive Camber Gain

- Excessive Toe Change

Revised DISPLAY

SPEED ENERGY UTV



- Multiple Display Modes

- Phone Screen Mirroring



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DRIVETRAIN



Thomas Upshaw So for the pre order vehicles if we do not get the speed key when we buy and wait until after the warranty expires, will be able to get the speed key for the \$1 or if we wait we have to pay the \$2500?

Like · Reply · 5d



Mike Jones **Thomas Upshaw** I think they want you to get the key so they don't have to warranty the vehicle. If it was me I would leave it stock.

Like · Reply · 5d



Thomas Upshaw If I get one I plan on keeping the warranty until its expired. But after that I wouldn't mind having the extra power. But if at that point it costs \$2500 I will probably put that money to other upgrades or accessories.

Like · Reply · 5d



Kelly N Chris Sain **Thomas Upshaw** I'm almost positive Robby said in last night's video the speed key can be purchased anytime for LE customers for \$1. Can you confirm **Todd Romano**?

Like · Reply · 5d



2

- \$1 upgrade cost for preorder cars
- \$2500 once preorders are done
- Notes: All tunes will be CARB and EPA compliant. "Speed Key", requires liability release waiver and voids warranty. If you happen to sell your car after you take delivery and have not purchased the Speed Key then the \$1 price is void
- Can be purchased for \$1 at any time by preorder customers, warranty void when purchased



Martin Schlosser Is the front and rear differentials going to be the same gear ratio? The XX front over drives the rear and makes the car drive like it is on rails in the desert, & sand washes.

Like · Reply · Message · 1d



**Review Gearing on
Transmission: Front-Rear**

Like · Reply · 6d

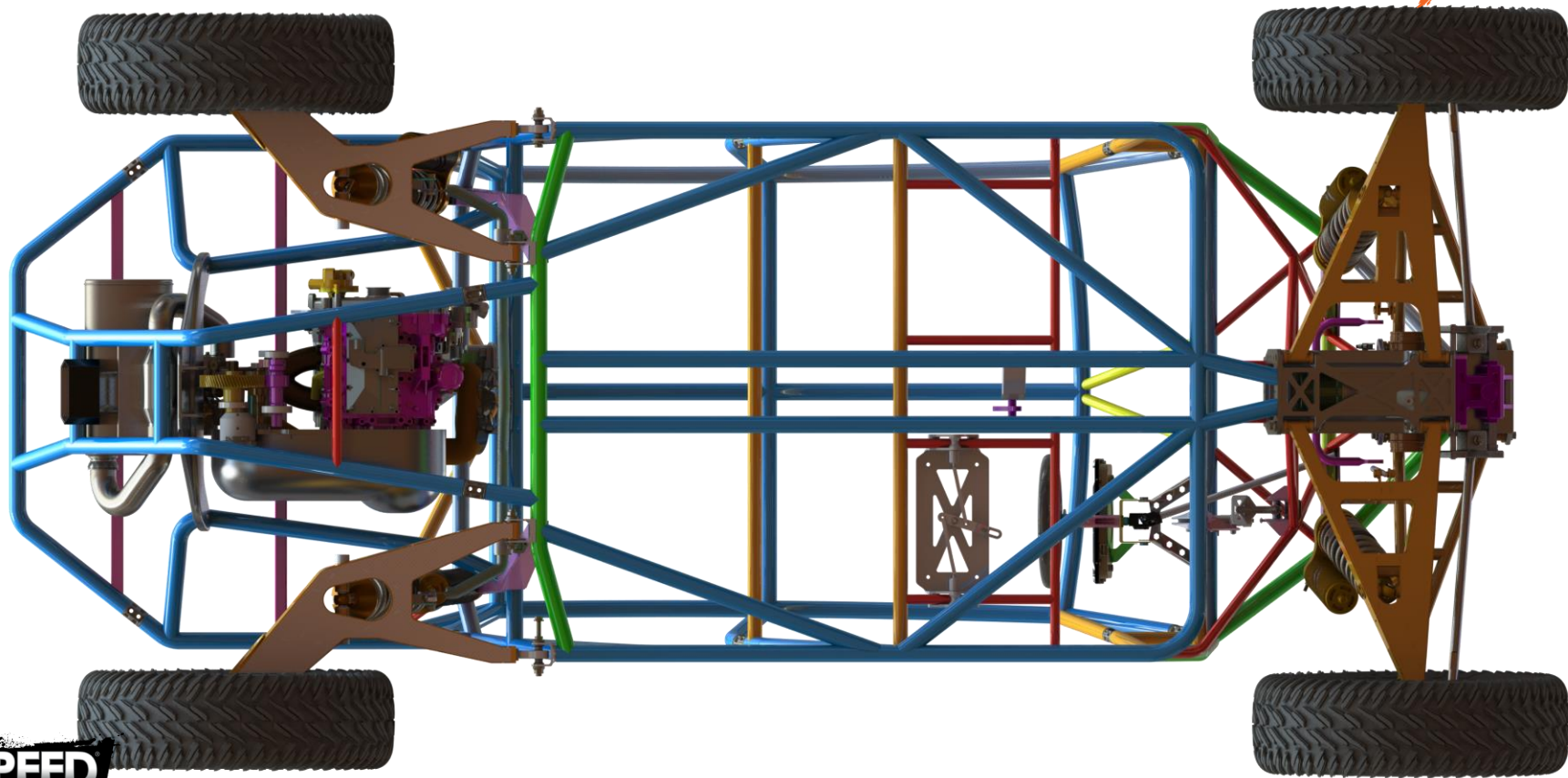


Bruce Scranton · 11:54 What is the specs of the tube that the rear trailing arm is mounted to? Must be heavy duty to support the load of the double pivot point trailing arms without radius arms to support it? Tabs have weld washers? Any adjustment?

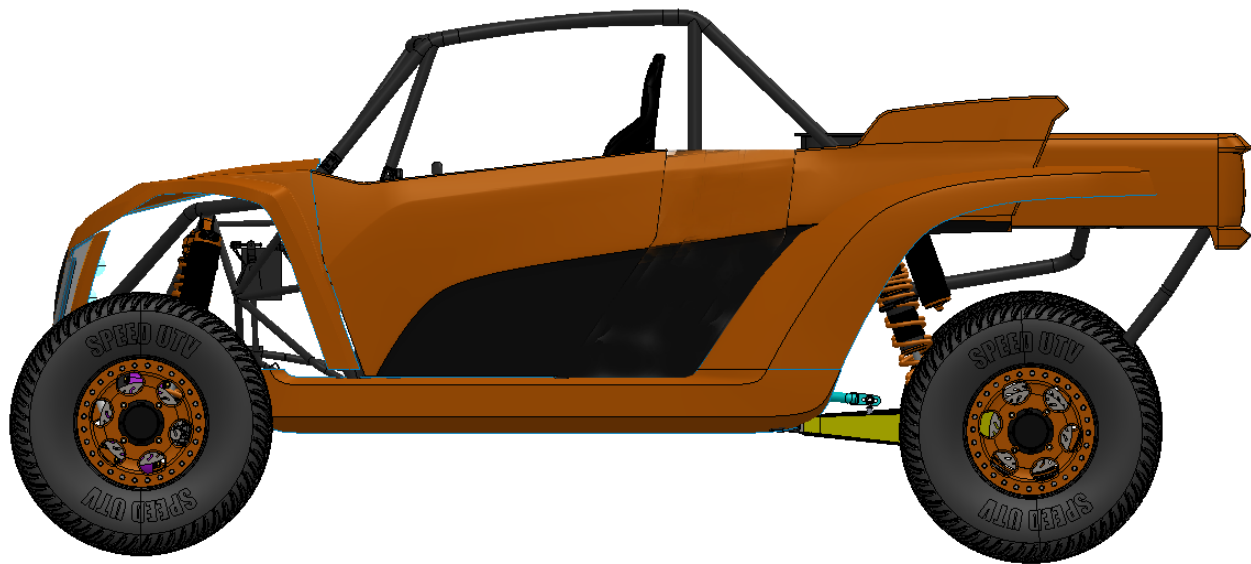
Like · Reply · 6d

↩ 2 Replies

**Review trailing arm design
and mounting**



- 110" wheelbase
- Long Bed
- 2 seat with more cab space than 2 seat 95" car
- Front & Rear end module interchangeable with 4 and 2 seat cars



- 766 cars sold as of today!
- 619 - 4 seat cars sold as of today
- LE Price change on Monday June 1st.
- LE 4 seat car is \$32,000 today however will go up to \$35,000 on June 1st to December 1st.
- Same car will be \$37,000 at dealers in the fall



3 AVAILABLE 4 SEAT MODELS

SPEED UTV

Dealer Pricing December 2020:

- BASE CAR \$32,000
- LIMITED \$37,000
- RG Edition \$39,000



GENERAL

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INTERIOR

DRIVETRAIN

BASE \$32,000 Effective June 1, 2020

SPEED  **UTV**

- Base car will be available at \$32,000
- Includes:
 - Plastic Seats like competitors
 - No roof
 - Basic graphics
 - Non bead lock wheels



GENERAL

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INTERIOR

DRIVETRAIN

LIMITED EDITION \$37,000

SPEED  **UTV**

(\$32,000 Until June 1 2020)

- KMC bead lock wheels - \$1,000
- Roof - \$800
- 5 Point Harnesses - \$560
- Custom 4 seat Wrap - \$899
- Wrap install - \$250
- Carbon Fiber Seats- \$2400
- Total value in upgrades: \$5,909



GENERAL

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INTERIOR

DRIVETRAIN

RG EDITION \$39,000

SPEED ENERGY UTV

(Available June 1 2020)

- **All LE upgrades: \$5,909**
- **Window net - \$1,800**
- **Intercom/Radio - \$1,300**
- **Powder coated cage & Suspension - \$1,000**
- **Total Value in upgrades : \$10,009**



GENERAL

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DRIVETRAIN

- UTT LE Price \$30,000 until December 1st.
- UTT LE car will go up to \$33,000 on December 1st.
- Base will be \$30,000 when launched to Dealers on December 1st.



Dealer Pricing December 2020:

- BASE CAR \$30,000
- LIMITED \$33,000
- RG Edition \$35,000

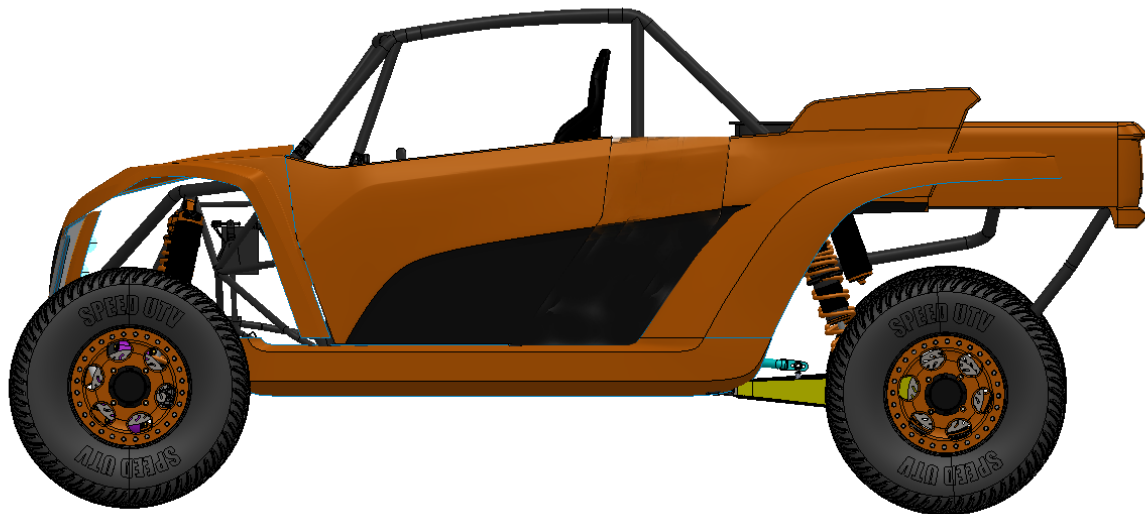


**New Live Stream Every
Wednesday evening**

**Stay tuned to our media
channels for updates
@SpeedUTV**

Place your preorder:

www.SpeedUTV.com



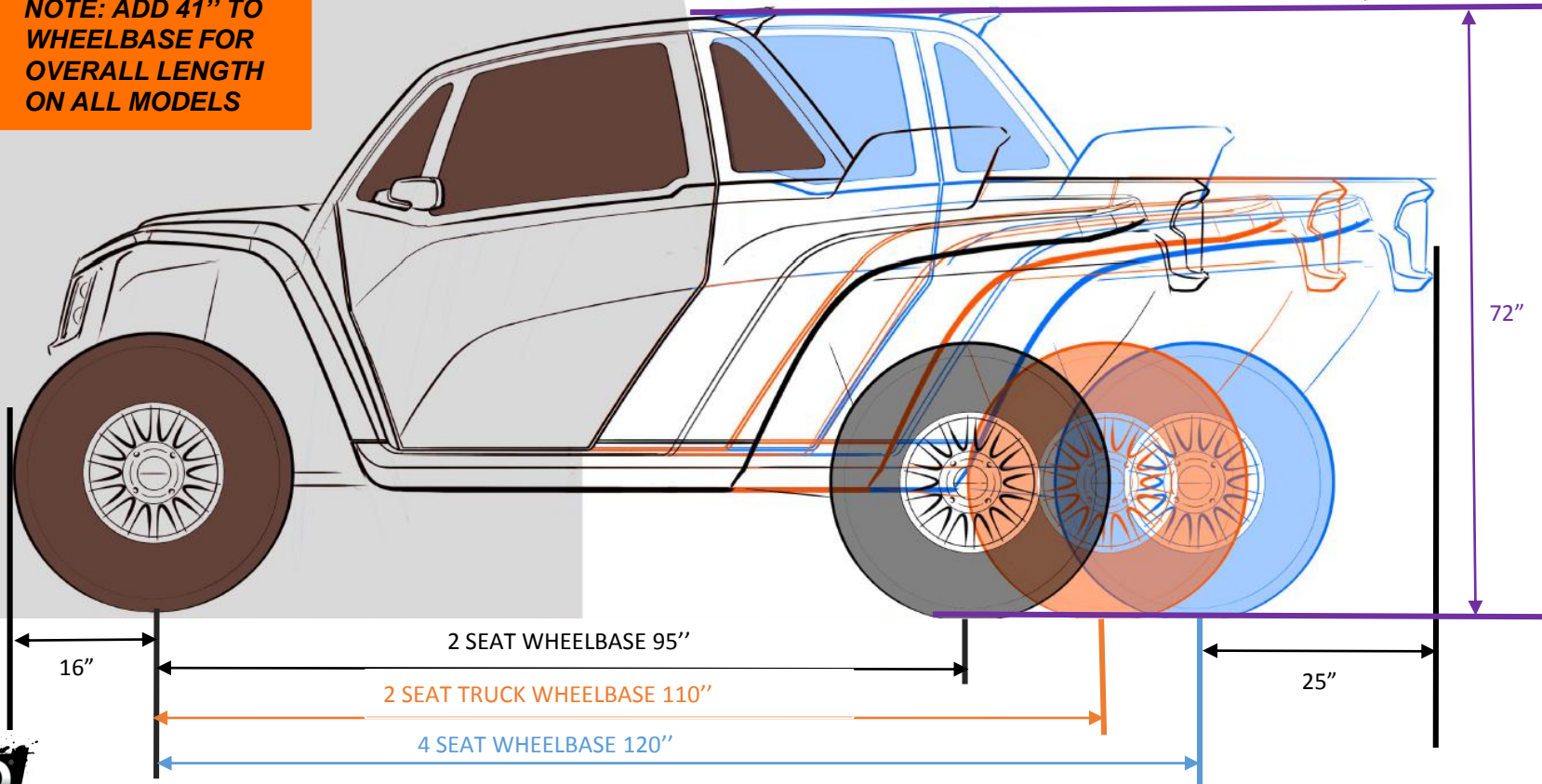
Design Presentation Document

SPEED / UTV

WHEELBASE

SPEED UTV

- **NOTE: ADD 41" TO WHEELBASE FOR OVERALL LENGTH ON ALL MODELS**



GENERAL

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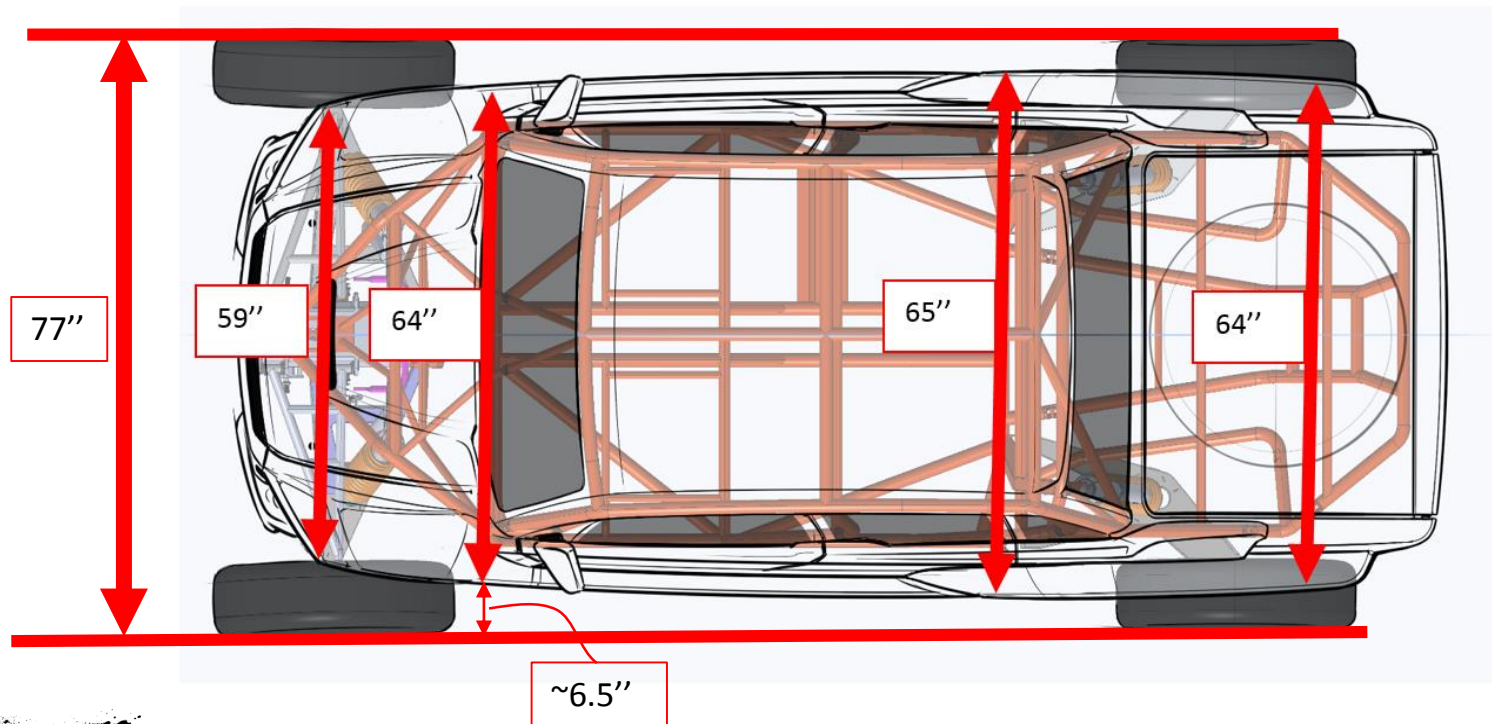
BODY

INTERIOR

DRIVETRAIN

WILL IT FIT IN MY TRAILER?

SPEED  **UTV**



GENERAL

SUSPENSION

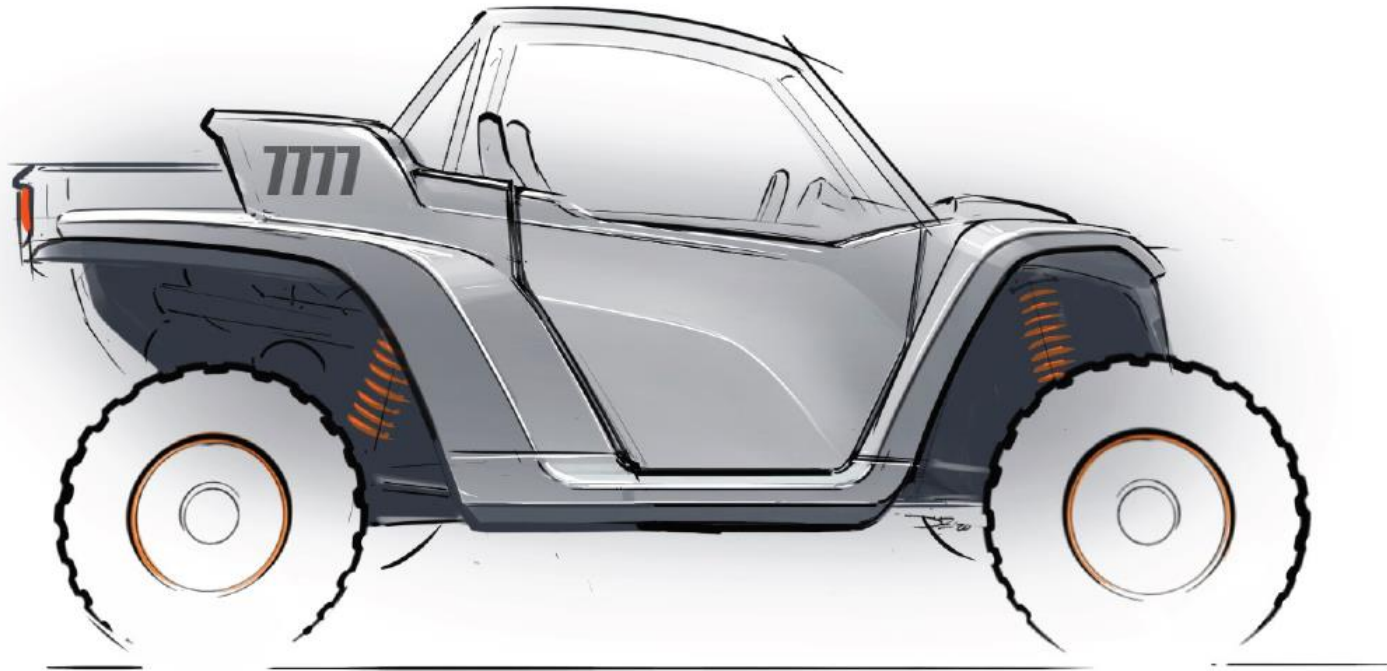
STEERING

CHASSIS

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INTERIOR

DRIVETRAIN



- **Speed S Branded tires**
- **Collaboration with reputable tire manufacture**
- **~32.5" x 9.5" x 15"**
Rim



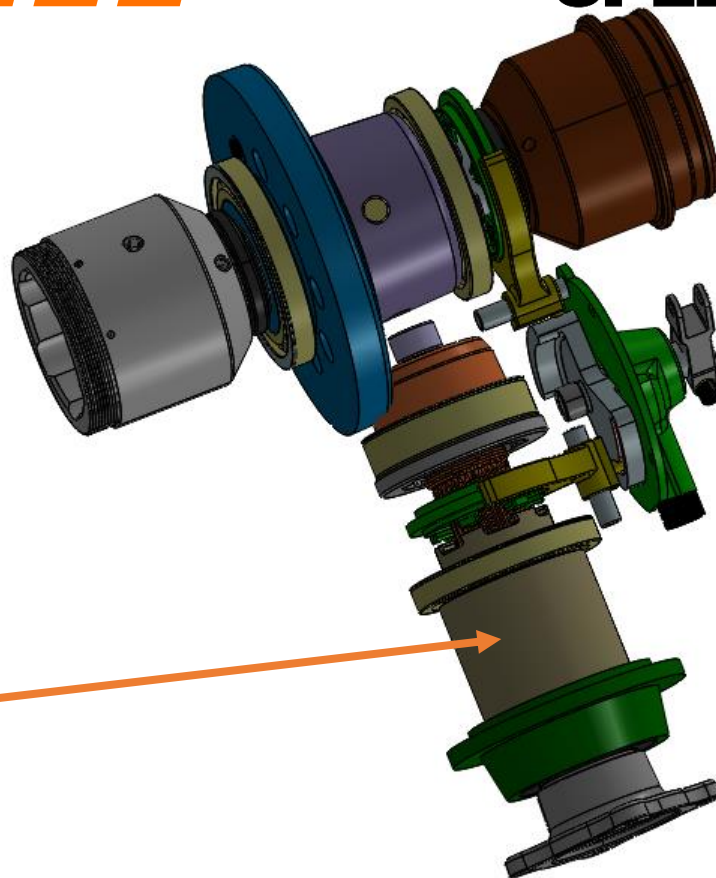
SHOCK SPECS

SPEED  **UTV**

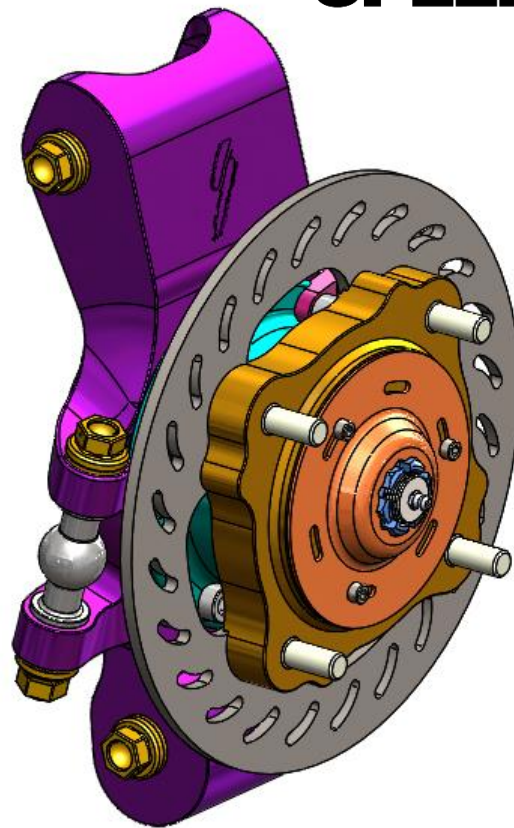
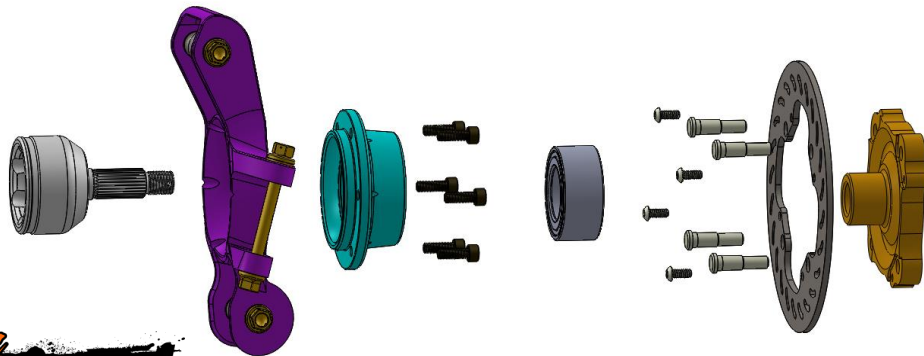
- 3.25" Internal Bypass
- Front 11" Stroke (Same Shock)
- Rear 12" Stroke
- 360 degree clock-able piggyback reservoir
- External Independently adjustable rebound and compression
- Dual rate springs
- Finned reservoir



- Manual 4WD and Front Locker
- Shift on the fly thanks to Dog engagement
- Larger Ring and Pinion
- Patented CV locking mechanism (front and rear)
- Torque limiting clutch for driveline protection



- Forged Aluminum Upright
- Universal Hub and bearing (all 4 corners)
- Fully shouldered bolts



- Hydraulic assist power steering
- 1.75:1 Ratio

