

NASCAR Frame Designer

Here are the pics of my new frame model. The pieces in **red** are unique to the particular body, the **tan** pieces are the frame, **black** is sheet metal, and **grey** is the motor and tranny mounts. The entire frame is 1/2" x 1-1/2" 16ga. mild steel, weighs about 350 lbs.

I was surprised to find that I could make a "generic" frame work for so many things. This will work with all four Lambo models and will accept Mustang, Corvette, Chassisworks Corvette, Afco, However fabricated front and rear suspension. There is also about four inches of track adjustment on all suspension types to accommodate different bodies and wheel offsets.

Besides the suspension adaptability, it has other features. The fuel tank of 17.5 gallons is built in and structural, no added expense and weight. The filler can go in the typical location but it is designed to be located in the front trunk. This eliminates the time and expense of a separate fuel door. There is still room for a Vintage Air unit under the dash.

All of the lines and plumbing run down the tunnel under the fuel tank. This way there is only one bulkhead penetration and all of the lines are out of the way yet totally accessible. They are also now completely unrelated to body installation.

Using motor plates instead of motor mounts, I can now make all of the drive train structural and reinforce the rear and shock towers. These stock \$100 pieces allow easy access to installing and removing the engine and tranny. They also make it easy to select various combinations within reason. I do not have this totally worked out yet, but I think that I can use that same \$100 motor plate as a mount, rear cross member, shock tower, structural member, AND tranny adapter, eliminating that \$900 piece.

I have given this a great deal of thought and there are other features but let me know what you think so far.











