



If all alignment is proper, securely weld the cradle extension tubes in place.



Metal reinforcement plates must be welded over the extension tubes for better strength.

With the 4" grinder, smooth all the welds.

Once the cradle has been properly welded, the cradle needs to be re-mounted to the chassis at the front pivotal mounts. Next we can go to stretching the upper frame.

Stretching the upper frame.



Driver Side



Passenger Side

Now you can properly lengthen the upper engine frame using the same method as was used on the cradle. Make sure the car is level. Measure 5 1/2" back from the rear firewall on both sides and make a small mark. Use the 2' level and make a vertical line down the side of the chassis at the marks you just made. This will give you an idea where to cut. Either mark with a grease pencil or use 2" masking tape and cover the line you just made on the chassis. Looking through the masking tape re-mark the cut line. (It is very easy to get off your line if you cannot see it clearly). Repeat this on the other side.



Driver Side



Passenger Side

NOTE: There is a raised ridge on both lower frame areas (shown in red square on pictures). As a reference, the cut line should come to the aft edge of these ridges.



Drivers Side



Driver Side



Passenger Side

Be sure to mark all the way up and down on both sides that are to be cut.



Use a saws-all to cut the frame rails. This chassis is being stretched 10 ½" for the Diablo replica kit (3" for the F355, 7" for the Countach replica, etc.) but all other kits that require a stretched chassis are done the same way, other than the length.