

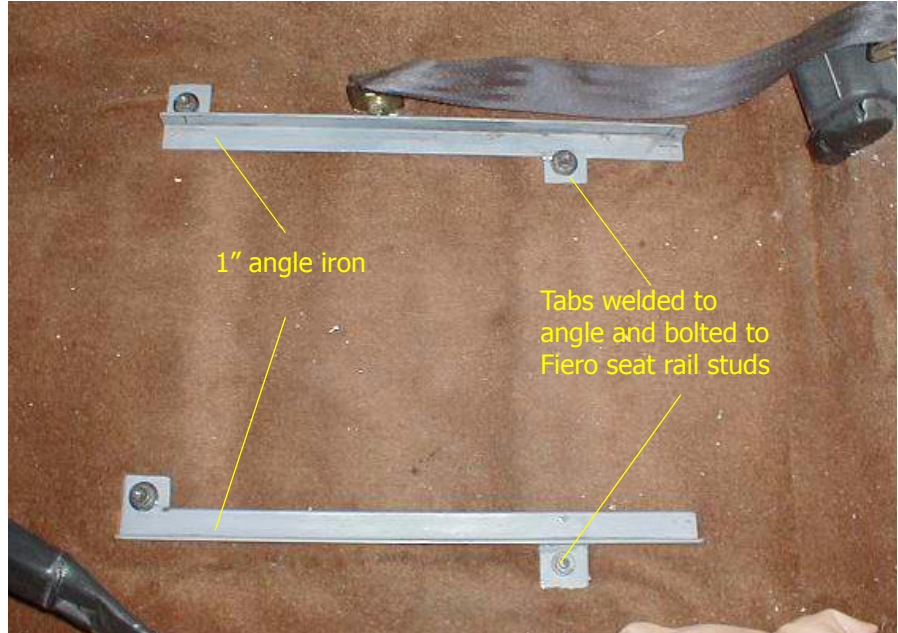
This section will show how to install the seats. The headroom in the Diablo is very limited. Depending on the height of the driver, you may use the Fiero seat rails to allow moving the seats. This option is going to lower the seats to sit nearly on the carpet to allow more headroom. The seats themselves will be in a fixed position.



These seats are part of the optional leather interior. There are two rows of studs that will be used to secure the seats to the frame.

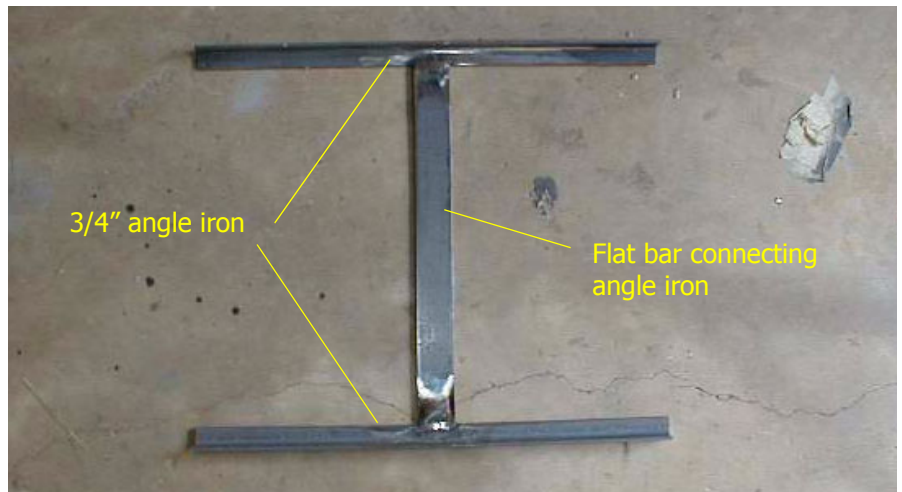
Seat Frame

We will take advantage of the existing studs that were used to fasten the Fiero seat tracks in place. Start by using two 1" angle iron that have tabs welded to them. The angle irons need to be parallel.

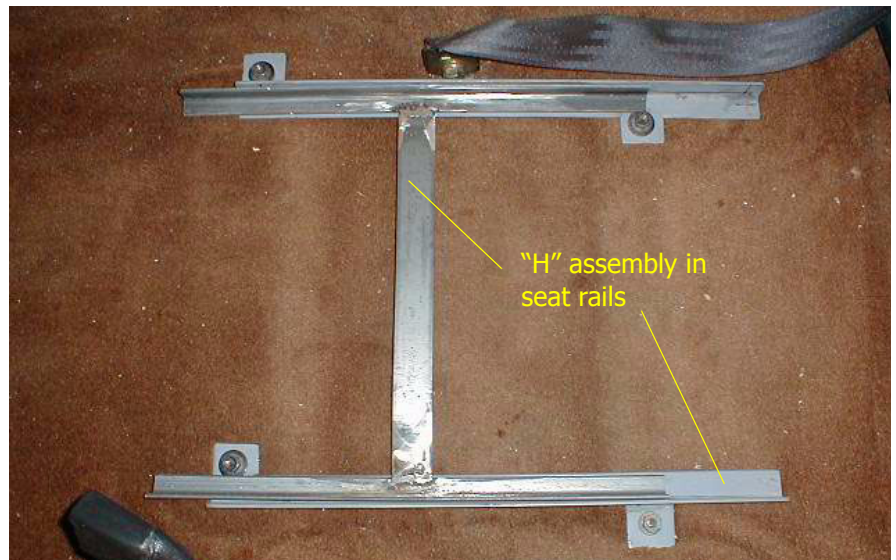


Next we will need to construct an assembly that will fit inside the 1" rails. This will be made of 3/4" angle iron connected by a flat bar to maintain the position. This will make a frame in the shape of an "H". This frame will then be connected to the bottom of the seat.

Before this is done, it will be necessary to position the seat in the car to set the proper angle. Once this angle is determined, you will complete the frame work that is connected to the existing bolts in the frame.



This assembly should slide forward and backward in the rails that are bolted to the floor.

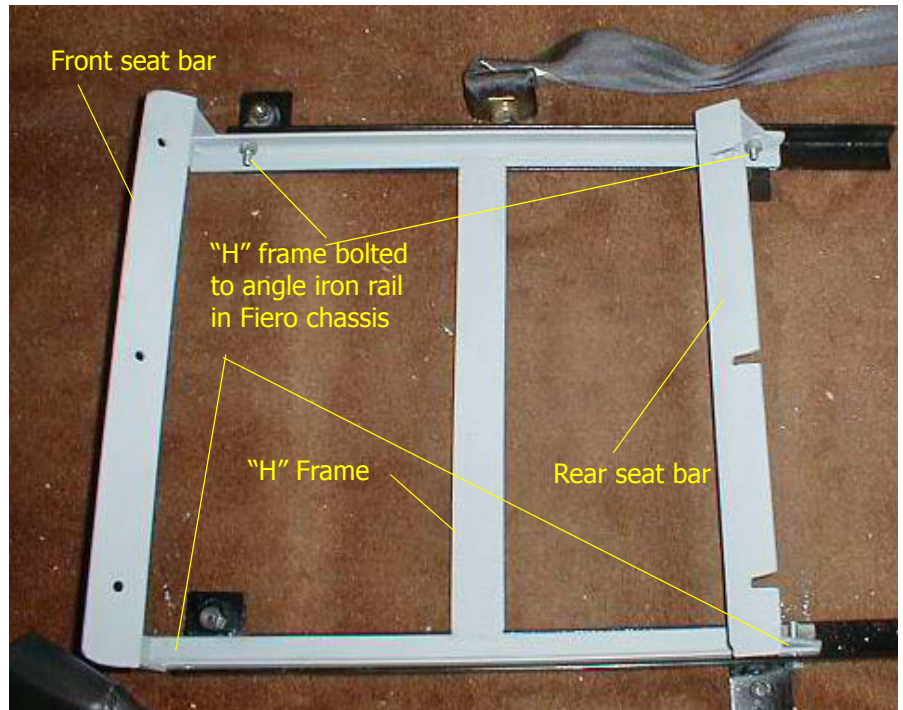




Once the angle has been set, you will need to drill three holes in a flat bar to attach to the front bolts that are in the seat. You will also need to make a flat bar with three notches to accommodate the three bolts on the back of the seat. Measure and then weld the supports from the front flat bar to the "H" frame. Set this assembly back on the seat and then measure and cut the rear supports that are welded to the back bar.



Once the frame has been assembled, place the seat in the car in the rails and mark the proper location on the angle iron rails. Remove the seat and take the "H" frame off of the seat. Now drill holes in each corner through the "H" frame and the angle iron rails. The frame is secured with 1/4" bolts in each of the four corners.



It is easiest to bolt the frame in place without the seat in the frame.

Because of the angle of the seat, the notches will allow the seat to be inserted into the front bar holes first and then the back bolts will nest in the notches on the back bar. Use 1/4" flat washers and locking nuts on the bolts.

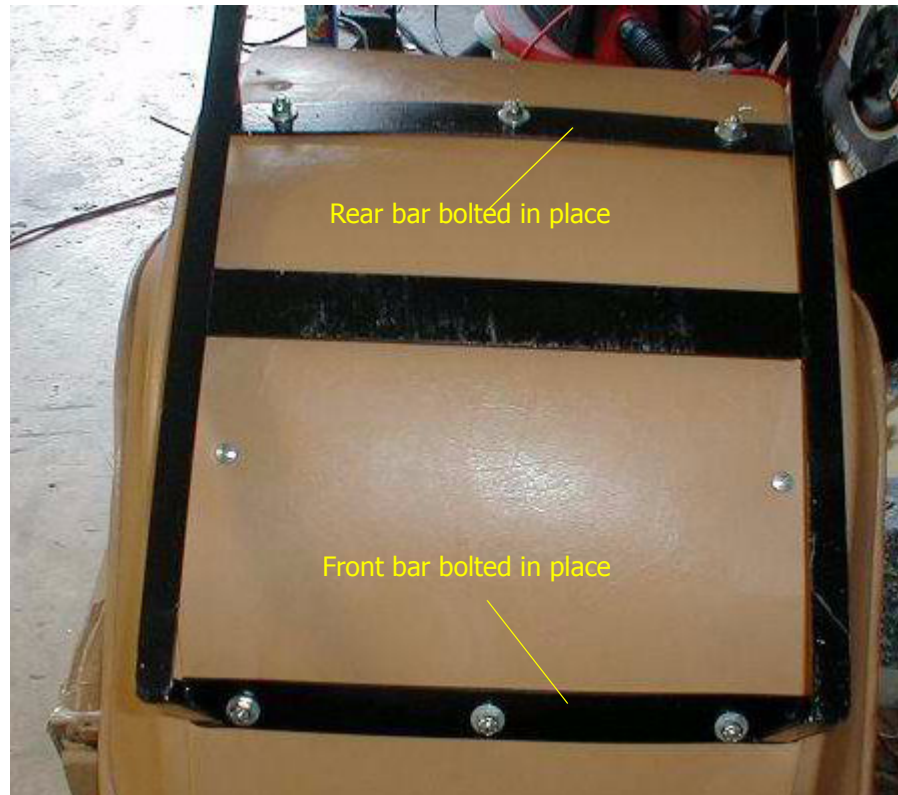


FIGURE 185. Framework fastened to seat bottom

Before final fastening to the frame in the Fiero, trial fit the seat into the frame. Once you are satisfied with the angle and location, remove the seat and secure the frame to the Fiero rails.



FIGURE 186. Seat bolted in final location

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