



Installing Datsun Z Floors

1) Safety Notes – Follow all instructions. Failure to follow instructions may result in property damage or serious or fatal injury. User assumes all liability.

- a) Remove battery.
- b) If you are working within 24 inches of a fuel tank, remove tank. Check for leaking fuel on car. Clamp off or disconnect fuel line near tank. If tank leaks, remove it.
- c) Keep flammable materials at least 20 feet from car.
- d) Remove interior panels and carpets that might burn in the area to be worked on.
- e) Keep fire extinguisher and water hose near car.
- f) Wear safety gloves and full eye protection.
- g) Use a fire watch person when torch cutting or welding on any car.

2) Welding Notes

- a) Floors must be welded in place to restore original chassis strength.
- b) Grind clean surfaces to be welded.

3) Welding Styles

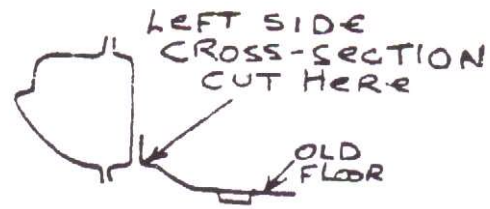
- a) “Stick” or “arc” welding is difficult for most people on thin material.
- b) Gas welding does a good job. Make sure flame is neutral so weld is not brittle.
- c) Brazing is also good, but requires surfaces to be ground clean first.
- d) Mig (wire fed) welding is fastest and produces a very sound weld on thin materials.

4) Amount of Welding

- a) Your replacement floors do not have to be welded all around. A ½” long weld spaced ever 1” to 2” will provide enough strength.
- b) Weld floors from inside car and along inner-rocker. Hammer in place as you go for a tight joint.

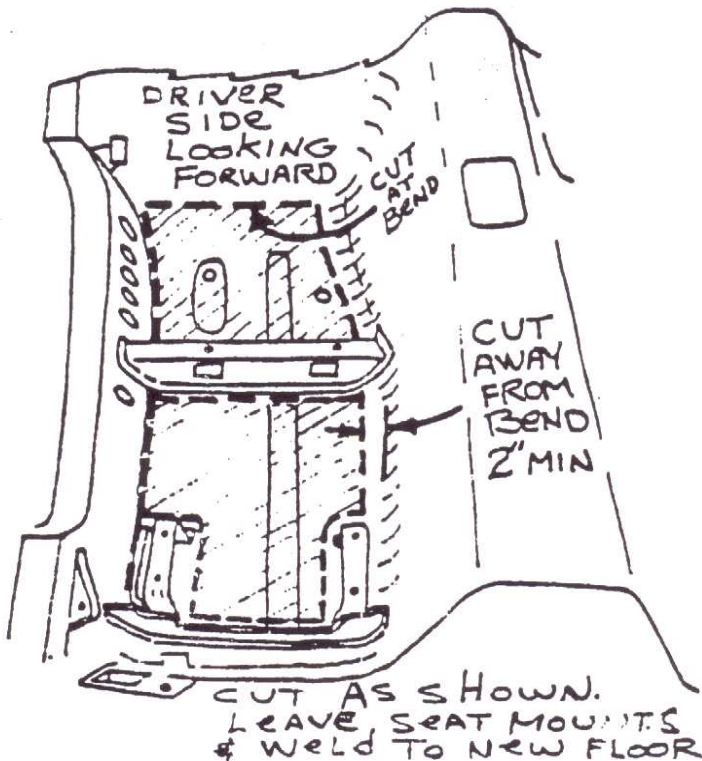
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- c) Back flap on new floors can be bolted if desired. Use at least two ¼ 20 bolts and large flat washers.



5) Preparation of Car for New Floors

- a) Disconnect battery terminal.
- b) Remove carpets, seats, and door sill trim.
- c) Life wire harness and wires out of way – both sides. Do not burn!
- d) Scrape up any sealer or tar pads on the floor.
- e) Using a torch cut out old floors from inside as in illustration.
- f) NOTE. When cutting, keep an eye on the bottom for undercoat burning.



Also, do not cut away seat mounts or braces as they will be welded to new floor.

6) Installing New Floors

- a) New floors install from underside up.
- b) Position new rail over old rail, support in place and tack weld. Check fit and weld as per steps c & d.
- c) Weld as much as possible where new rail overlaps old rail.
- d) Weld seat mounts and braces.

7) Final Inspection and Sealing

- a) Check welds for cracks and quality.
- b) Fastest way to seal: Use an old glove and hand-apply roofing tar (trowel consistency) to all joints, seams, and metal surfaces that could rust.
- c) Spray underside with garden hose and check inside for leaks.
- d) Use tar paper, masking paper, or newspaper on tar before reinstalling carpets.
- e) Lay wire harness back in place and reinstall seats, carpets, and sill trim.