



Repair Standards

01-004 – Overhead Door Repairs

Disclaimer:

Only a certified and experienced person using suitable tools should complete the repairs described below. Repairs should meet or exceed manufacturer's minimum specifications and should be in agreement with all safety and ecological regulations.

Permissible upon return and does not require repair:

- Acceptable repairs.

Requires repair upon return:

- Cuts, tears or holes in the door skin/door panel, large or small.
- Rotten door panels due to corrosion/moisture.
- Broken door panels
- Broken cables
- Broken lock handle
- Cut pull down strap
- Bent door tracks

Restrictions:

- Steel plates should never be used as overlays for patch reinforcements.

Procedure:

1. Torn End Hinges:

- 1) Take out the hinge from the damaged area to begin repairs.
- 2) Cut out damaged panel with appropriate tool.
- 3) Using a $\frac{3}{4}$ " thick sheet of exterior grade plywood cut out a piece to replace the damaged area with.
- 4) Cut two .050 aluminum panel pieces to cover and support the repair area (inside and out), leaving an excess of 1 1/2" on the outer edges to cover the old door panel.
- 5) Install the new piece of plywood and secure the .050 aluminum panels on each side.
- 6) Secure the patch in place by offsetting the 3/16" bucking rivets by $\frac{1}{2}$ " through the .050 aluminum panels and the door panel.
- 7) Line the hinge up to the appropriate location and bolt/rivet the hinge securely into place.



- 8) Rivets and bolts should be offset by 1" from the edge of the door panel and on 1 ½" centers. Hinge fasteners should be used to hold the repaired area in place and remain operationally sound.

Finished Product

Interior – Overhead Door Hinge Section



2. Broken Door Panels:

- 1) Cut out two pieces of .050 aluminum panel. These pieces should be the height of the panel and extend 3" to the right and to the left of the break.
- 2) Both pieces should be centered, inside and outside, of the broken area.
- 3) Both pieces should be mounted using 3/16" buck-rivets.

Finished Product

Interior – Overhead Door Panel Repair





3. Bent Door Track:

- 1) Straighten any small bends by heating and adjusting the tracks.
 - i. If tracks cant be repaired by straightening, remove the defective area and install a new piece. The new piece should be welded into place.