

6.11 Patient Restraints

The restraint system includes a pelvis strap, chest strap, harness, and two-piece leg restraint (Figure 58). The patient restraints are positioned both above and below the mattress. To prepare the iNjX for use, follow the procedures in this section.

WARNING

An unrestrained patient can be injured. Use properly-installed patient restraints to secure the patient on the iNjX.

To attach patient restraints, refer to “Bracket-and-Post System” below and the instructions on the next page. Keep the patient restraints buckled when not in use.

1. To secure a patient on the iNjX, unbuckle the harness, pelvis, and leg restraints and position the straps out of the way.
2. Transfer the patient onto the iNjX following local protocols. Adjust the backrest, shock frame, and restraint length as needed.
3. Lay the shoulder straps on the patient's chest, with the links extended to the patient's waist.
4. Guide the pelvis-strap tang (metal buckle) through the links and fasten the buckle (Figure 58).
5. Adjust the pelvis strap and shoulder straps so they are snug on the patient.
6. Fasten the chest strap across the patient's rib cage (Figure 58).
7. Fasten the leg restraint over the patient's legs (Figure 58).

BRACKET-AND-POST SYSTEM

The pelvis strap and harness attach to the iNjX with a bracket-and-post system. To attach the straps:

1. Orient the bracket on the restraint strap with the bend facing the center of the iNjX and the tab up (Figure 59).
2. Slide the bracket over the post and pull the bracket upward to seat the post in the small end of the bracket.
3. Insert the retaining plug into the bracket (Figure 59).

Tip

Restraint Colors

When buckling the patient restraints, match the color-coded pieces:

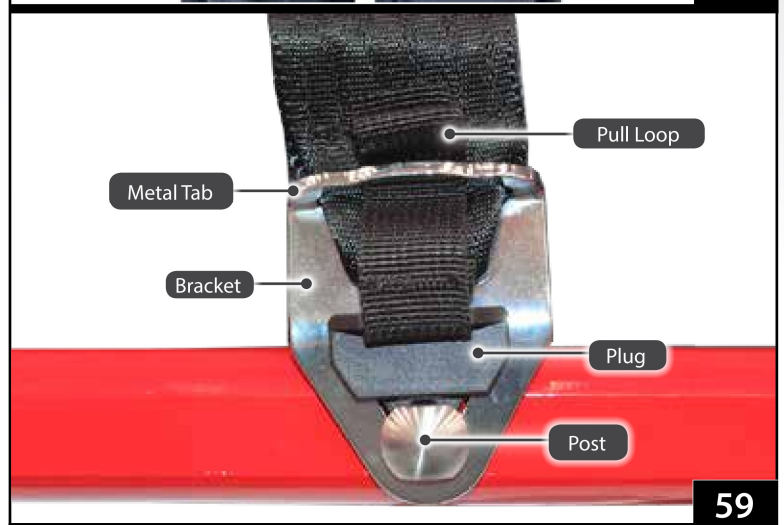
- **Red-to-Red** (Harness Links connect to Pelvis Strap buckle)
- **Black-to-Black** (Harness Chest Strap and Leg Restraint buckles)

Buckle Orientation

Ferno recommends that you attach all patient restraints with the buckles at the same side for operator convenience and efficiency.



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1 – ATTACH THE PELVIS STRAP

The pelvis straps have red webbing near the buckles (Figure 60). With the mattress removed, attach each bracket of the Y-strap (two brackets per side) to the mounting posts at each side of the seat panel. Verify the brackets are seated on the posts and the strap is not twisted. Insert the retaining plugs.

2 – ATTACH THE CHEST/SHOULDER STRAPS

The chest straps have only black webbing and are connected to the shoulder straps, which have red webbing near the links (Figure 60). Attach the chest strap brackets to the mounting post at each side of the backrest. Verify the brackets are seated on the posts and the strap is not twisted. Insert the retaining plugs.

3 – ATTACH THE LEG RESTRAINT

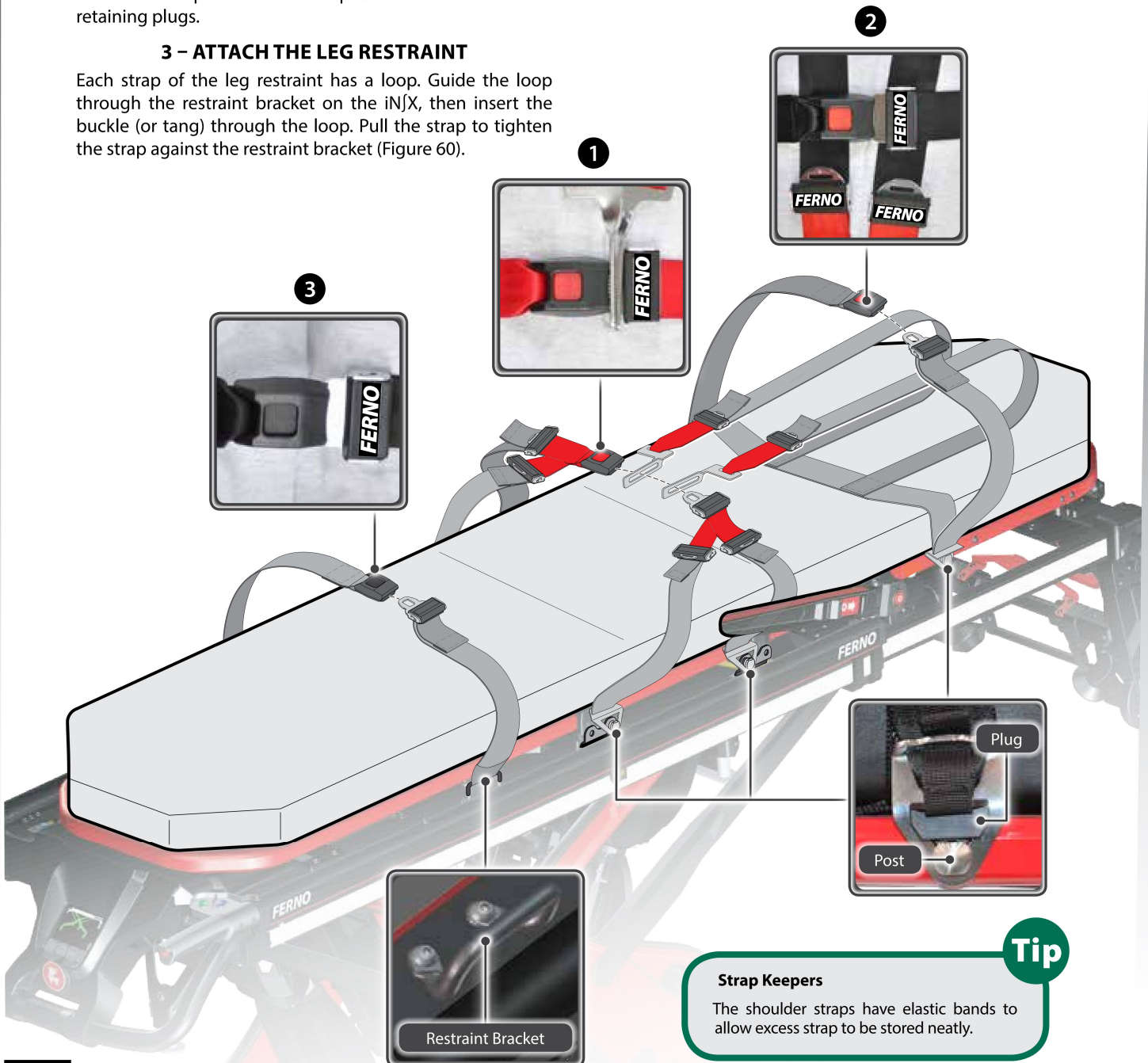
Each strap of the leg restraint has a loop. Guide the loop through the restraint bracket on the iNjX, then insert the buckle (or tang) through the loop. Pull the strap to tighten the strap against the restraint bracket (Figure 60).

REMOVING PATIENT RESTRAINTS

Unbuckle the patient restraints.

To detach the pelvis and chest/shoulder straps, use the pull loop (Figure 59) to pull the retaining plugs out of the brackets, then press the brackets down toward the main frame to unseat the post from the bracket. Lift the bracket off the post. If the brackets are difficult to remove, stand on the opposite side of the iNjX and pull across the patient surface.

To remove the leg restraint, unbuckle the restraint and feed the buckle (or tang) through the loop. Then, remove the loop from the restraint bracket.



Tip
Strap Keepers
 The shoulder straps have elastic bands to allow excess strap to be stored neatly.