

Installing the iLand-C Upgrade Adapter Plates

This document provides instructions for installing the iLand-C Upgrade Kit. This kit is used for field replacement of an iLand-x-H landing system with an iLand-x-C Compact landing system. The adapter plates allow the iLand Compact to be installed on the existing mounting pedestal while maintaining the same relative position of the Leveling Sensors to the existing Floor Leveling Magnets.

Use this instruction in conjunction with the iLand Compact Installation instruction (42-IS-0173).

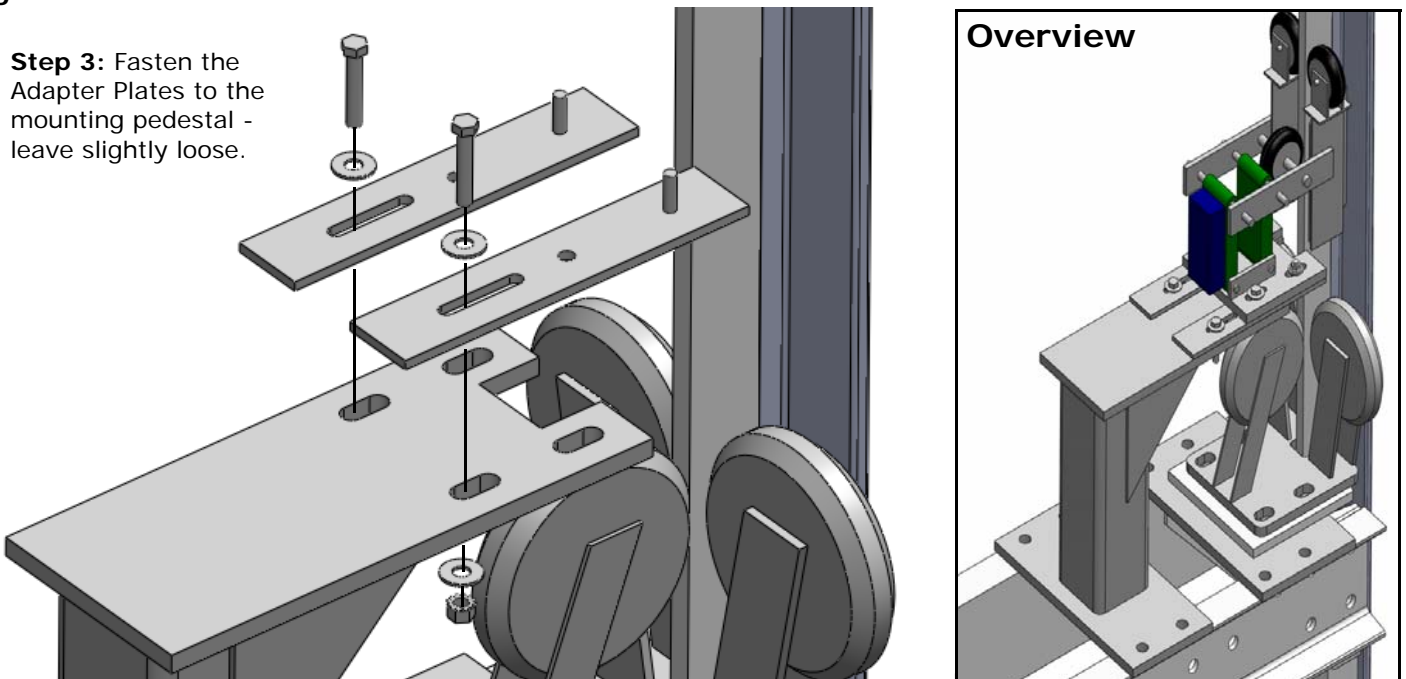
Table 1. I-LAND-C-UPGRD-KIT Parts List

Quantity	Part #	Description
4	19-01-0179	Bolt Steel Hex 3/8-16 x 2 Inches Long Zinc
2	19-02-0025	Locknut 5/16-18 Serrated Flange
4	19-02-0028	Nut Steel Kep 3/8-16-Zinc
8	19-04-0007	Flat Washer 3/8"
2	19-04-0008	Flat Washer 5/16-7/8
2	19-14-0012	Bearing Sleeve Brnze 5/15"X1/2"X3/8"Lng
2	40-26-0023	Plate Adapter 10x2x.37 CRS I-LAND-X-C (with press-in captive stud)

Instructions

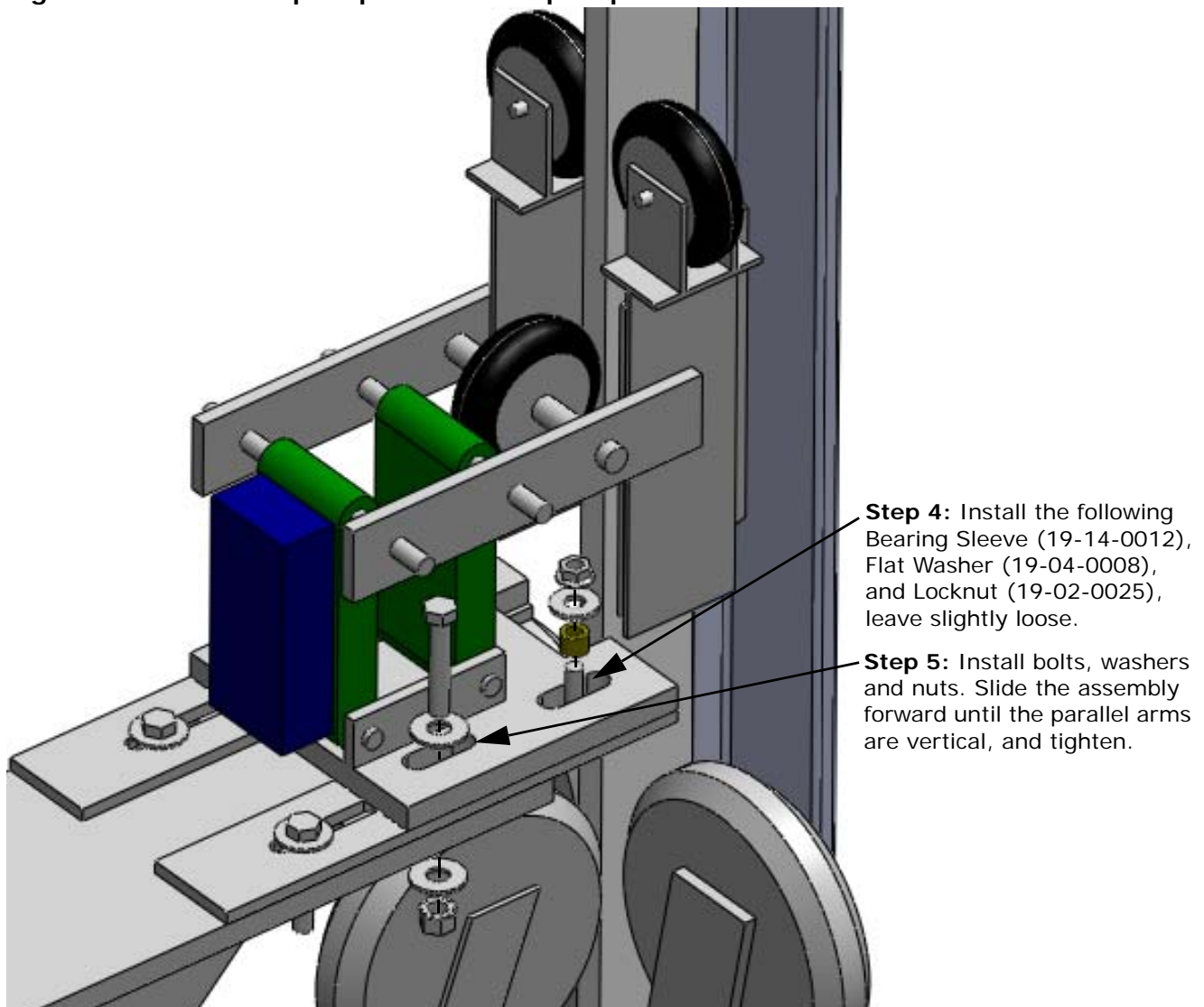
1. Move the car level with a floor so that the floor leveling magnet(s) are properly positioned with respect to the iLand-x-H leveling sensors.
2. Remove the iLand-x-H Landing System from the mounting pedestal. You may want to re-use some of the mounting hardware so don't discard them yet.
3. Place the adapter plates on the mounting pedestal as shown in Figure 1. Using the slots (or holes) that are farthest from the rail (the ones used for the rear mounting bolts on the iLand-x-H), fasten the adapter plates to the mounting pedestal using two bolts, washers and nuts supplied with the kit, or from the original installation. Leave them slightly loose.

Figure 1.



4. Place the iLand Compact on the adapter plates as shown in Figure 2, with the Position Encoder Wheel touching the face of the rail. Slide the Bearing Sleeves (19-14-0012) over the pressed-in captive studs. Next place the Flat Washers (19-04-0008) over the studs and secure with the Locknuts (19-02-0025). Leave them slightly loose.
5. Using the two remaining slots, fasten the iLand Compact and adapter plate to the mounting pedestal using bolts, washers and kep nuts supplied with the kit, or from the original installation. Leave them slightly loose.

Figure 2. iLand Compact placed on adapter plates



6. Slide the iLand Compact and adapter plates forward until the Parallel Arms are vertical, or nearly vertical (it isn't critical) and tighten the bolts and nuts applied in step 5. Verify that the iLand Compact is perpendicular to the rail and then tighten the remaining nuts and bolts.
7. Please refer to the iLand Compact Installation instruction (42-IS-0173), beginning on page 5, for the remainder of the installation instructions. Make adjustments as necessary so that the leveling sensors line up with the existing floor leveling magnets as described in the instruction.