

# 4260B Retrofit Kit

PN 152123

Use the following procedure to update the MSI-4260 Port-A-Weigh crane scale to the MSI-4260B configuration.

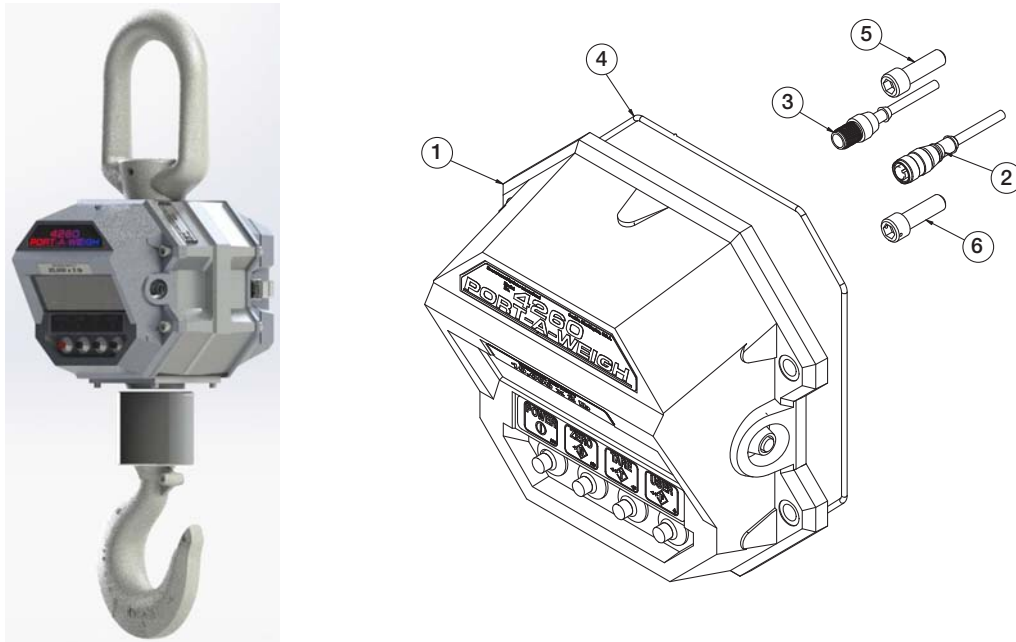


Figure 1. 4260B Retrofit Kit (PN 152123)

Item No.	Part No.	Description	Qty
1	139424	Front Casting Assy 4260B	1
2	145084	Cordset IP68 4 Pin Female 2/4 Cond 2M	1
3	143880	Cordset IP68 4 Pin Male Shielded 1M	1
4	149724	O-ring Assy Front Casting Paw/Trans-weigh	1
5	145998	Screw SH 3/8-16 X 1-1/4 SS	3
6	133597	Screw Seal 3/8-16 X 1-1/4 SS DR	1

Table 1. 4260B Retrofit Kit Parts List

## Remove the Existing Front Casting



**WARNING** Ensure that all power has been removed prior to starting this procedure.

1. Turn the *MSI-4260* off.
2. With one hand, support the battery access cover.
3. Release the two latches holding the battery access cover.
4. Carefully lower the cover while holding the battery in place, it could be loose and fall causing damage.
5. Remove the battery by pulling straight back.
6. Close the cover and secure with latches.
7. Remove the battery casting by loosening the screws securing it. Retain for re-installation.

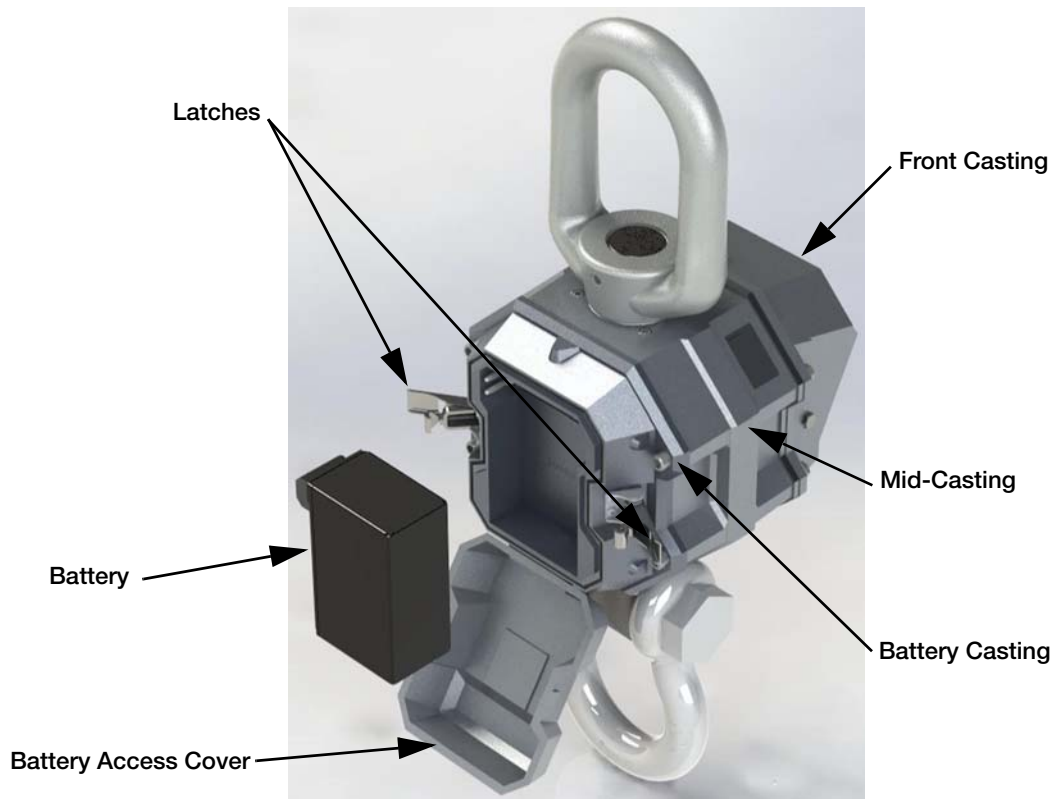


Figure 2. Remove Battery

8. Remove the front casting by loosening the screws securing it.
9. Unplug the load cell and power cables from the front casting. Discard casting and hardware.

## Load Cell Cable

1. Locate the cable coming out of the load cell.
2. Cut the connector off the load cell cable, about half the length back to the load cell.
3. Strip the jacket back enough to be able to strip the insulation from the conductors for splicing to the provided cable.
4. Strip insulation from conductors back about 3/8".



**Note** If needed, cut the supplied cordset (P/N 143880) back to an appropriate length, similar to the length that was cut off the load cell cable in Step 2. Strip cordset jacket back enough to be able to strip the insulation from the conductors for splicing to the load cell cable. Strip insulation from conductors back 3/8".

5. Solder splice the supplied cordset and load cell cable conductors together as shown in Table 2.
6. Cover each splice with provided 1/8" heat shrink.

- Cover entire spliced area with provided 3/8" heat shrink so that none of the conductors are showing.

L/C Cable Conductor Color	Conductor Description	143880 Cordset Pin# / Color
Red	+Excitation	1 / Brown
Black	-Excitation	2 / White
Green	+Signal	3 / Blue
White	-Signal	4 / Black

Table 2. Load Cell Cable Connections

## Power Cable

- Locate the power cable coming from the inside of the battery casting.
- Cut the connector off the power cable, about half the length back to the battery casting.
- Strip the jacket back enough to be able to strip the insulation from the conductors for splicing to the provided cordset.
- Strip insulation from conductors back about 3/8".
- Cut the supplied cordset (P/N 145084) back to an appropriate length, similar to the length cut off the existing power cable in Step 2.
- Strip cordset jacket back far enough to be able to strip the insulation from the conductors for splicing to the power cable.
- Strip insulation from conductors back 3/8".
- Splice the cordset and power cable conductors together as shown in Table 3.
- Cover each wire splice with provided 1/8" heat shrink.
- Cover entire sliced area with provided 1/4" heat shrink so that none of the conductors are showing.

Power Cable Conductor Color	Conductor Description	145084 Cordset Pin# / Color
Red	+12 Volts	1 / Brown
		3 / Blue
Black	Ground	2 / White
		4 / Black

Table 3. Power Cable Connections

## Reassembling the Unit

- Place the o-ring in the groove on the bulkhead of the supplied front casting. Ensure bulkhead is in place on the front casting.
- Plug the updated cables into the cable connectors on the bulkhead. Load cell cable connects to the male connector and power cable connects to the female connector.
- Place the front casting assembly on the mid-casting assembly and secure with the supplied 3/8" drive head screws.
- Remove the existing serial number and replace it with the new tag using the rivets included.
- Reinstall the battery casting securing with the retained hardware.
- Reinstall the battery.
- Calibrate the unit, see the operators manual (PN 152159) for the calibration procedure.

The MSI-4260B Port-A-Weigh is now ready to begin weighing. Refer to the operators manual (PN 152159) for further information on setup and use.



Manuals can viewed or downloaded from the Rice Lake Weighing Systems website at [www.ricelake.com](http://www.ricelake.com)

Warranty information can be found on the website at [www.ricelake.com/warranties](http://www.ricelake.com/warranties)



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