

# MSI-9300 and MSI-4300 Crane Scale Cage Kit

The following instructions are a guide to install the *Crane Scale Cage Kit* to the MSI-9300/MSI-4300 crane scales.

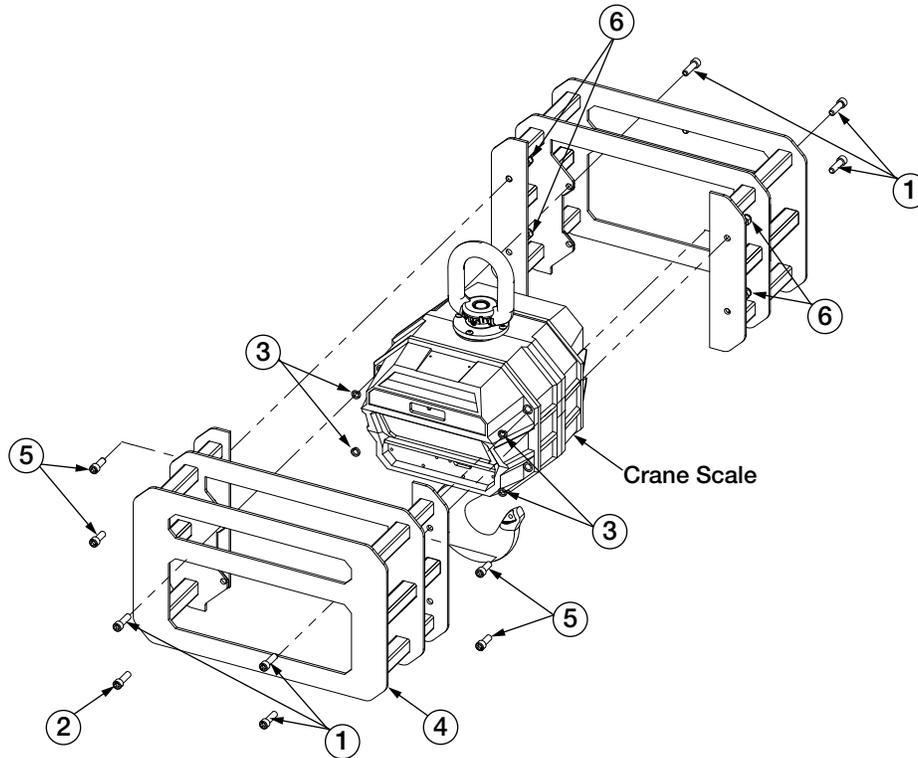


Figure 2-9. Illustrated Parts

Item No.	Part No.	Description	Qty
1	145998	Screw, Socket Head, 3/8-16 x 1 1/4	7
2	133597	Screw, Seal 3/8-16 x 1 1/4	1
3	167166	Lock Washer	4
4	167158	Crane Scale Cage Weldment	2
5	91869	Socket Head 18-8 SST	4
6	146634	Nut, Hex 3/8-16 Nyloc SS	4

Table 1. Illustrated Parts List

## 2.2 Installation Procedure

1. Place the scale in an easy to reach location.
2. Remove the existing four screws securing the front of the scale to the body.

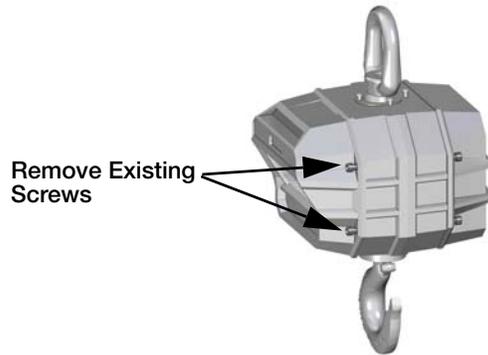


Figure 2-1. Remove Existing Screws

3. Insert three of the socket head screws and the seal screw into the holes on the center plate of one of the cage weldments. See Figure 2-2 for screw arrangement.

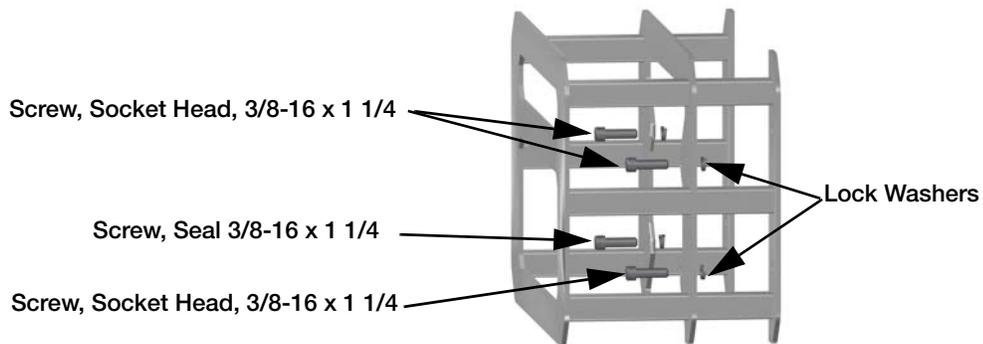


Figure 2-2. Hardware in Front Cage Weldment

4. Align a cage weldment to the screw holes on the front of the crane scale.
5. Secure cage weldment to scale by tightening the screws.

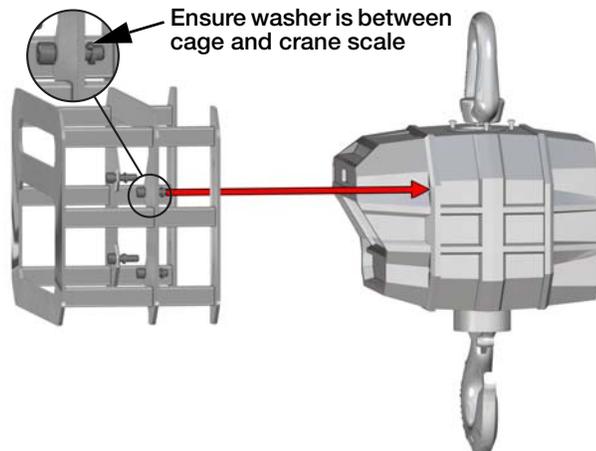
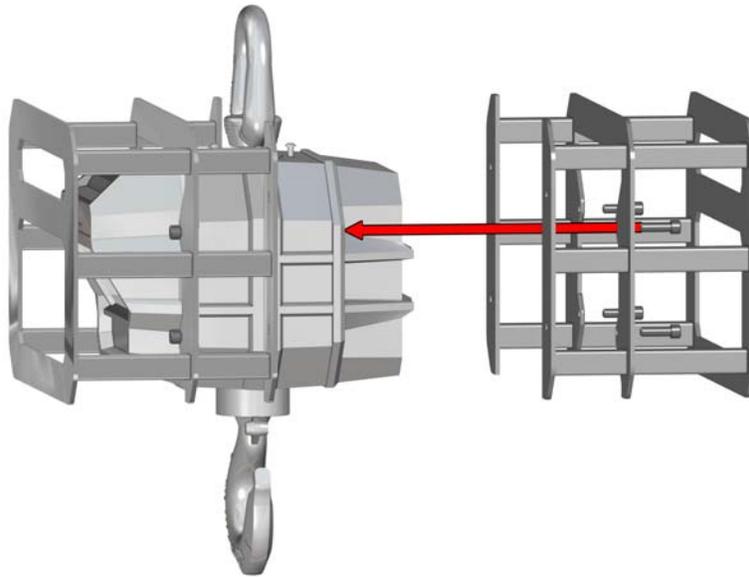


Figure 2-3. Assemble Front Cage Weldment to Crane Scale

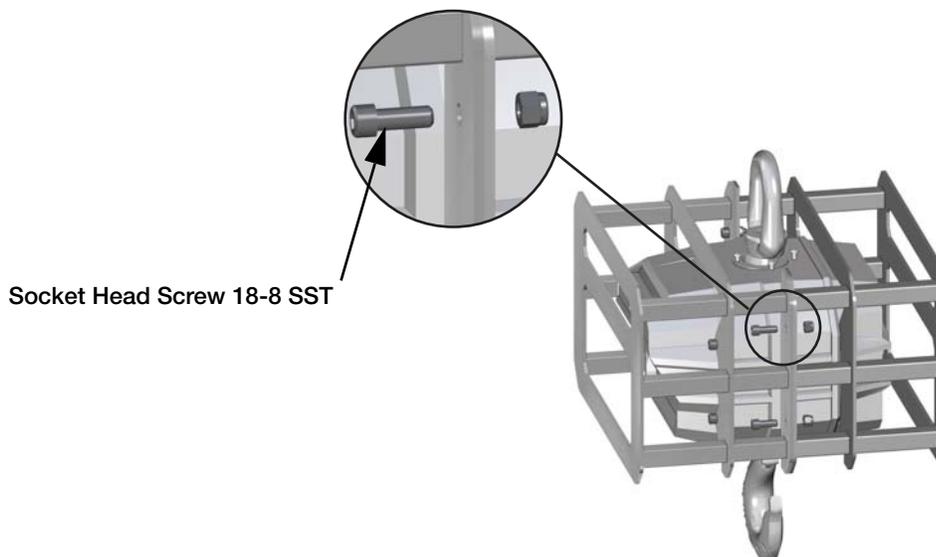
6. Remove the screws holding the back of the scale to the body.

7. Align the remaining cage weldment to the back of the crane scale.
8. Secure using the remaining screws.



*Figure 2-4. Install Back Weldment.*

9. Secure the two cage weldments together using the four socket head screws (18-8 SST) and nuts.



*Figure 2-5. Secure Cage Weldments*



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