

HOIST ATTACHMENT / Body Mounting

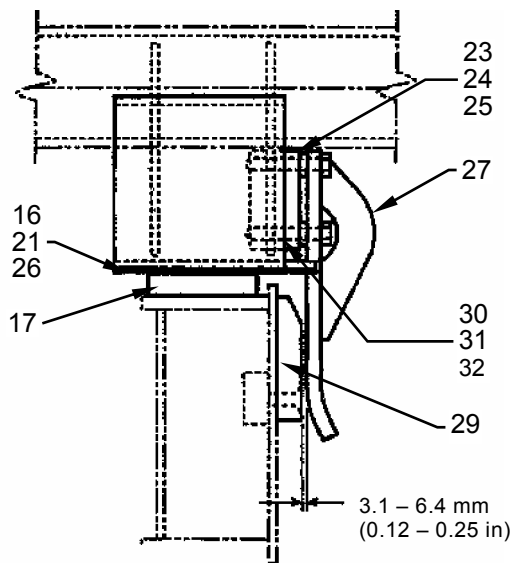



Figure 4 - Body Pad and Frame Guide Location


16. Shims	26. Shims
17. Body Pads	27. Body Guide Bracket
21. Shims	29. Shims
23. Shims	30. Shims
24. Shims	31. Shims
25. Shims	32. Shims

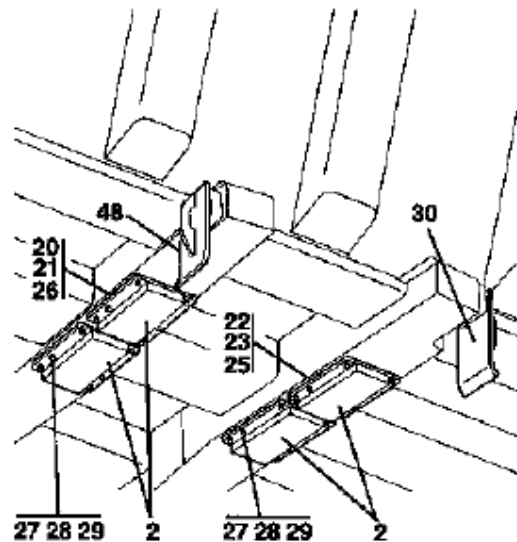
W8DX-09-51-003

CAUTION: Body Guide (27) weight: 14 kg (30 lb)

- When the body guide brackets (27) are installed, install shims as necessary until the gap between the body guide bracket (27) and the body guide plate (29) is 3.1 – 6.4 mm (0.12 - 0.25 in). Refer to Figure 4. Tighten bolts (22).

 : 1¹/₈ in

 : 433 N·m (44.2 kgf·m, 319 lbf·ft)



EL20066

Figure 5 - Body Pad and Frame Guide Location

2. Body Pad	26. Shim
20. Shim	27. Washer
21. Shim	28. Nut
22. Shim	29. Bolt
23. Shim	30. Body Guide Bracket
25. Shim	48. Body Guide Bracket

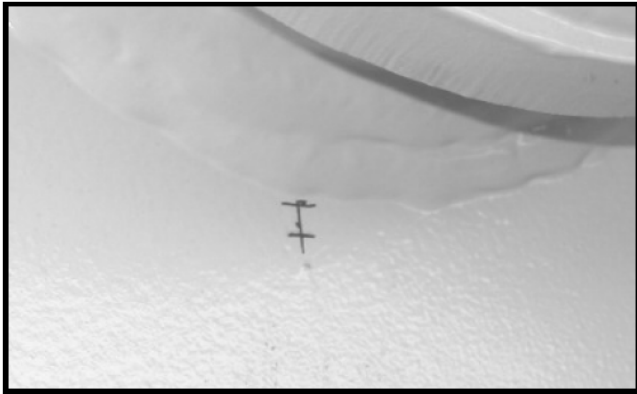
CAUTION: Body Pad (17) weight: 10 kg (22 lb)

- Place 2 body pads on the frame rails at both the left and right rearmost positions and 1 body pad at both the left and right front positions.
- Place an equal amount of shims at all six locations until the hinge pin sits at the top of the hinge bore with the body lowered. Using a square, position one of the straight edges of the square against the outside surface of the right side tail lug of the frame. Slide the square to position the other straight edge of the square against the hinge right side outer hinge ear. Locate the straight edge of the square as close to the bottom of the hinge ear as visually possible. Then mark the position of the square on the tail lug. Repeat step on the left side of the frame.

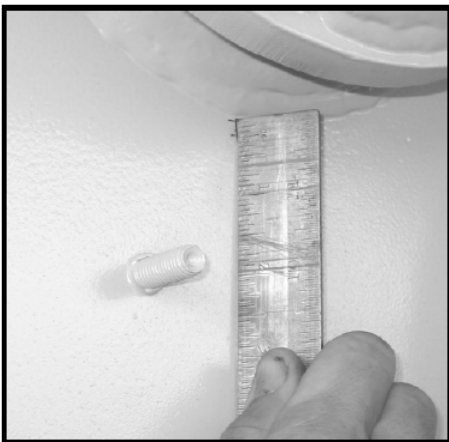
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14. Raise the body; this will cause the hinge pin to drop to the bottom of the frame bore. Once again use the square and marker to indicate the raised position of the body to the frame.



15. After making two marks on the outer side of each of the tail lugs, lower the body in the **FLOAT** position only. Watch for the pivot pins to move upward when all body pads come to rest on the frame rails. Use a ruler to measure the distance between the two lines marked on each frame tail lug.



16. Measured movement should be 7 - 9 mm (0.276 - 0.354 in). If the measured movement is not enough, the body will need to have shims added (refer to step 6). If the measurement is too high, remove the hinge pins to inspect condition of the hinge pins and frame hinge bore bushings. If the hinge pins appear worn (grooved or wallowed) replace them. Ensure the hinge bore bushings are not split and are not creeping out of the bore. Replace or reposition the bushings as necessary.

17. If the pivot pins do not move the required distance, raise the body and install the body prop cable. Place an equal amount of test body shims on the frame rail where the 2 rear body pads and the front body pads are located on each frame rail.

18. Remove body prop cable and lower the body in the **FLOAT** position only. Redo measurement and add or remove test shims until desired movement of 7 - 9 mm (0.276 - 0.354 in) is established. After obtaining the specified amount of movement with the test shims in place, raise the body and install the body prop cable. Permanently install the body pads and the test shims used to establish the specified amount of hinge pin movement. Install the remainder of the required body pads with an equal amount of shims.

🔧 : $\frac{3}{4}$ in

🔩 : 80 - 89 N·m (59 - 66 lbf·ft)

19. Remove body prop cable and lower the body in the **FLOAT** position only. Using a ruler or set of feeler gauges determine the amount of gap between the body pads and the frame. Record the amount of gap on the right side as well as the left side. All body pads must be in contact or within 1.5 mm (0.059 in) of contacting the chassis rail when empty. Shim individual body pads accordingly.

⚠ CAUTION: Body Pad (20) weight: 17 kg (40 lb)

20. After selecting the proper number of shims, bolt the rear body pads (20) with shims into position on the body rails with washers (55), lock nuts (56) and bolts (54).

🔧 : $\frac{3}{4}$ in

🔩 : 80 - 89 N·m (59 - 66 lbf·ft)

21. Hoist the body several times slowly. During each hoist cycle, inspect the exhaust system connector alignment and body guide bracket alignment. The body must lower down easily lying flat and cen-