



# Von Ruden Manufacturing, Inc.

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## SERVICE BULLETIN # 032905-01

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**SUBJECT:** Mounting Von Ruden Blade Drive Assemblies to Walker Manufacturing Decks

**PURPOSE:** When a deck has been in use for some period, it may lose the original factory flatness. This is of particular concern at the places where the blade drive gearbox assembly attaches to the deck. When installing the blade drive assembly to the deck, it is very important that the gearbox not be pulled into an out-of-flat situation due to any warping or changes in the deck flatness. This will cause premature blade drive assembly failure. As a preventative measure, we recommend that factory specified shims (Von Ruden Part#: 20880) be used where needed.

**NOTE:** This bulletin is specifically required for all 48", 56" and 74" deck installations. Both 56" and 74" drive assemblies because of their three and four mounting pad locations. All 48" blade drive assemblies have two mounting positions, but since the deck mounting pads on some are located on the underside of the deck there is a possibility the center input gearbox casting may contact the deck before the outside gearboxes contact their respective deck mounting pads.

**PARTS REQUIRED:** Shim P/N 20880 (0.060") as required.

### INSTRUCTIONS:

- 1) Place blade drive assembly onto deck. All gearbox mounting flanges should contact the deck evenly and only at the mounting points. If all contact, then no further action is required.
- 2) If there is no contact, then attempt to slide one shim between the mounting pad areas of the gearbox and deck where there is no contact. If the shim fits between the pad and the deck then leave it there.
- 3) Repeat Step 2 until no further shims fit. It is acceptable for a small gap to remain if less than the thickness of a shim. If several shims are required at a specific mounting point, attempt to balance out the shims by spreading them across other mounting points to keep a parallel mount as possible. The greater number of shims required for mounting is a direct indicator that flatness correction is needed on the deck housing.
- 4) Repeat Steps 2 and 3 at remaining mounting positions.
- 5) Secure gearbox to the deck keeping the selected shims in place.

