

## E & J Style Machine Tilt Stop Gap

This document covers the procedure for setting tilt stop gaps on the following machines: 64046E6N/J6N/D6N, 72046E5N/J5N, and 72058J5N. The approximate time to complete this process is one man hour. The process requires one person. Prior to beginning the process, it is necessary to familiarize yourself with all safety precautions in the Washer Extractor's manuals; please observe all safety precautions. It is also imperative that these instructions are read prior to beginning the procedure. Also, inventory the parts received with the kit. While working on the Washer Extractor, tag and lockout the power.

Tools required for this retrofit are: standard hand tools.

First, make sure that the Washer Extractor is empty and in the wash position (3 degrees tilted to the rear). Measure and record the gaps between all four shell stops and the tilt frame. Refer to MSSMA423AE/9512AV(2 of 6) FIGURE 3.

Second, if the gaps between the tilt stops and the tilt frame are not 1"(minimum) to 1 1/4" (maximum) refer to

BMP930021/95457V view B-B and view C-C. Remove the tilt stop brackets that need adjustment, TS01, TS02 and TS03. Remove or add shims TS05,A,B,C,D. to achieve a 1" to 1 1/4" gap. Use replacement brackets TS02 and TS03 supplied in the kit if necessary to achieve 1" to 1 1/4" gap. Reinstall removed brackets. If the left hand side tilt to rear stop bracket was removed, upon reinstallation, check the location of the spring on the excursion switch in the excursion window. Adjust if necessary.

Third, after reinstalling all of the tilt stops repeat the first step and adjust the tilt stops as necessary. Run the Washer Extractor with a full load and check the tilt to rear stop gaps. The tilt to rear stops should never come in contact with the tilt frame while the machine is in extract.

If you should have any questions, please call Milnor Technical Support at (504) 467-9591 extension 276.

## Main Bearing Maintenance

### Greasing Seals and Bearings

#### ⚠ DANGER ⚠



**ENTANGLE AND CRUSH HAZARD**—Belts and pulleys can entangle and crush body parts. Power is ON and cylinder is turning during the following procedure.

☞ Insure belt and pulley guards are in place during service procedures.

☞ Use extreme care when working near moving components.

Grease seals and main bearing as follows:

1. Locate the seal and bearing grease fittings (FIGURE 3, Item 2).
2. Place the machine in a wash step.
3. With the cylinder turning, grease the seals and bearings as called for on the fittings plate.

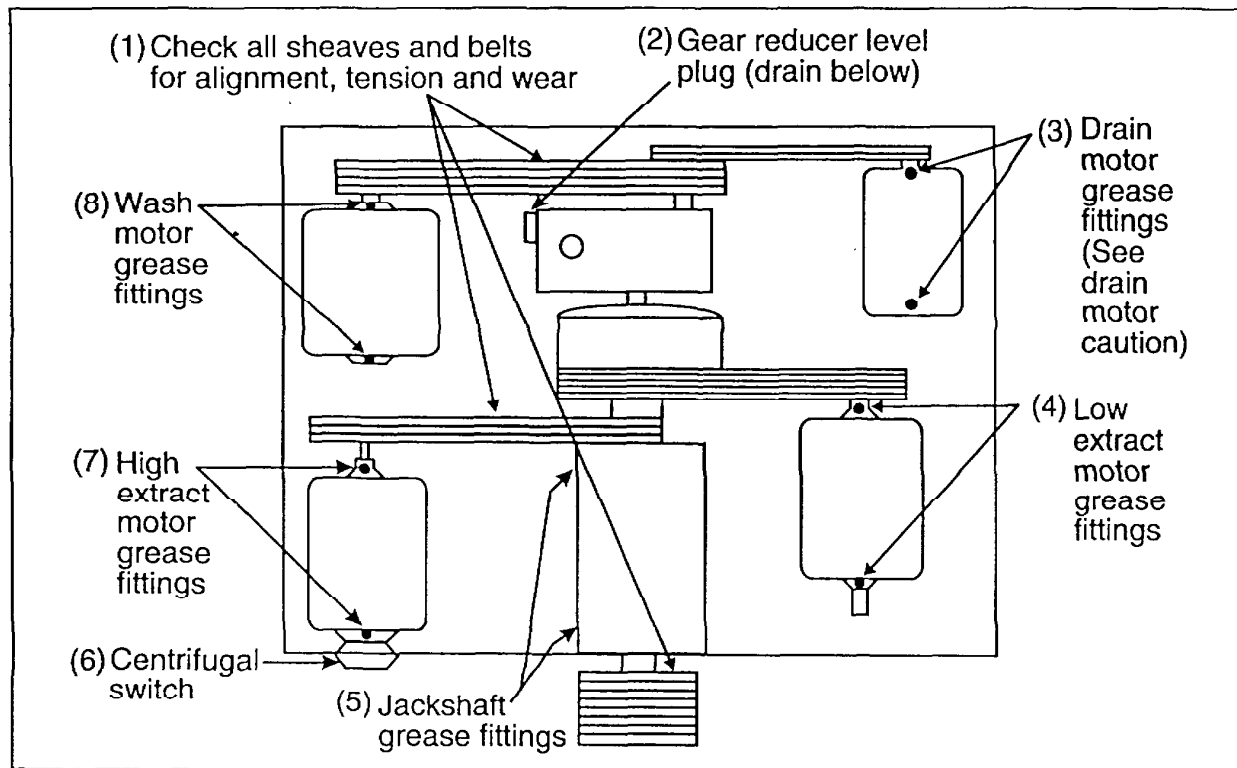
The main bearings and the jackshaft bearings (if equipped) have been prepacked with lubricant at the factory. Do not add grease for 30 days.

During the first month's operation, some grease will ooze out of the automatic grease relief fittings at the bottom of the housing(s). This is a perfectly normal condition. These relief fittings permit excess grease to escape, thus avoiding over-heating. This escaping lubricant need not be replaced. See lubrication instructions in your instruction manual for frequency of lubrication and type of lubricant.

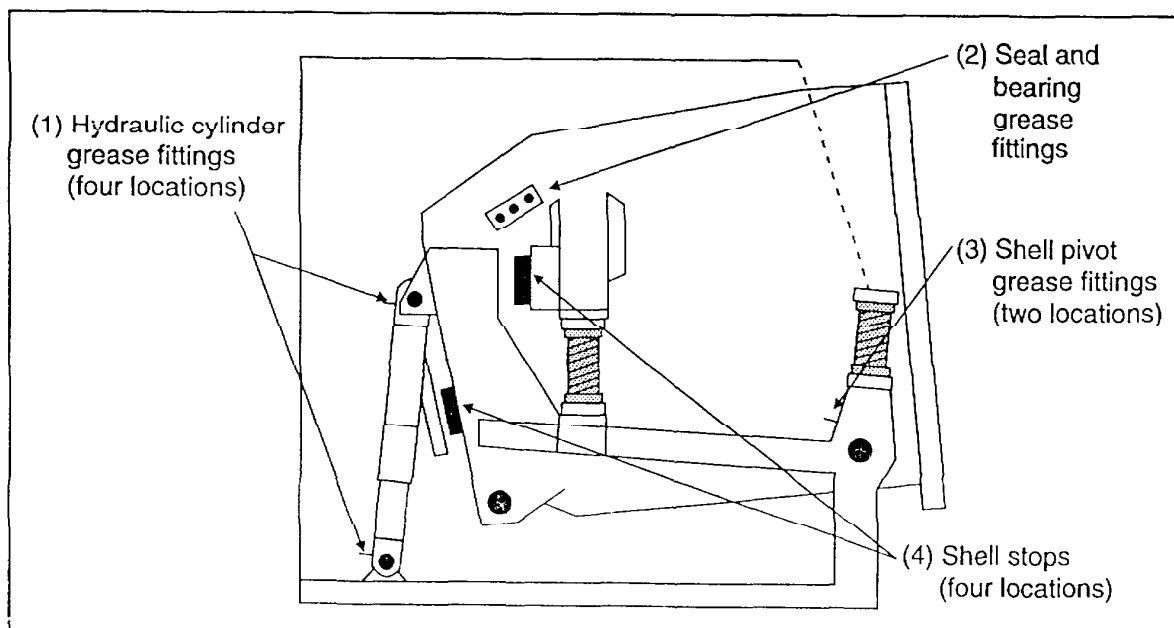
Every time these bearings are re-lubricated, the surplus grease will come out of the spring loaded relief fittings after a few hours running time. This is a perfectly normal condition!

**NOTE:** Normal bearings can run hot enough to make it extremely uncomfortable for a person to hold his hand on the bearing housing for more than a few seconds. This is a perfectly normal condition.

**FIGURE 1** (MSSMA423AE)  
**Lubrication Notice**



**FIGURE 2 (MSSMA423AE)**  
**Motors—Top View**



**FIGURE 3 (MSSMA423AE)**  
**Hydraulic Cylinder and Shell Maintenance Points**