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Shuttlewagon, Inc.

Service Bulletin

Bulletin Number: SB09-003

Model / Serial Number(s): SWX735 / 8GD73501 - 9GD73550
SWX630 / 8GD63001 - 9GD63050
SWX525 / 8GD52501 - 9GD52550
SWX420 / 8GD42001 - 9GD42050

Subject: Belt Guard tensioning measurement modification for easier access. This is relevant to belt driven Ingersoll Rand air compressors *only*.

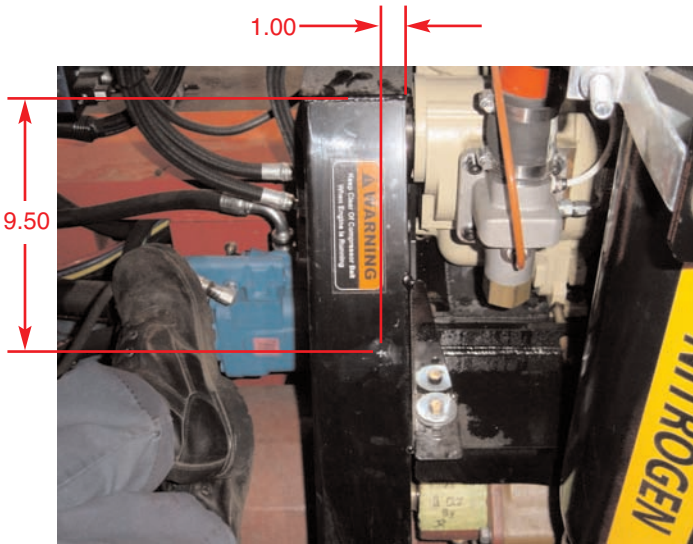
Action: Refer to the enclosed to make necessary modification.

Instructions: Utilizing the accompanying instructions provided modify the compressor belt guard & follow the measurement directions as illustrated. (Note: The belt tension should be checked and adjusted as may be required in accordance with your preventive maintenance schedule and /or when replacing the belt).

Should you require assistance or need additional information, please contact Shuttlewagon's Service Department at 816-767-0300(Ext. 330).

<u>QTY</u>	<u>P/N</u>	<u>DESCRIPTION</u>
1	484-082993	Modification – Air Compressor Belt Guard

Modification - Air Compressor Belt Guard



Mark location of hole per dimensions.



Drill 0.2500 (1/4) diameter hole. Use extreme caution not to drill any further than thru belt guard.



Drill 0.5000 (1/2) diameter hole. Use extreme caution not to drill any further than thru belt guard.



Drill 0.7500 (3/4) diameter hole. Use extreme caution not to drill any further than thru belt guard. Remove drill shavings.

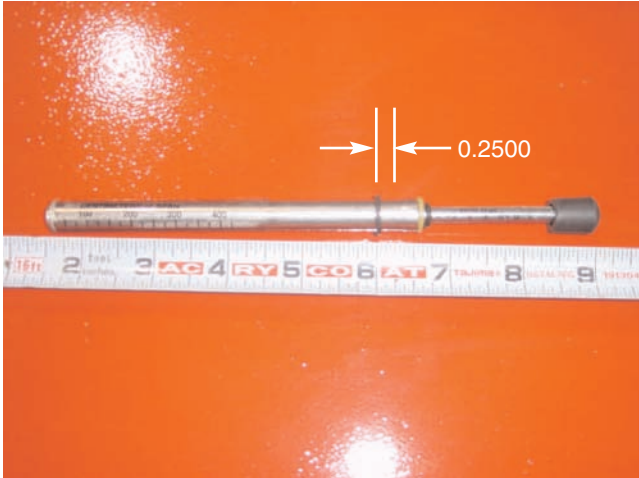


Insert Eagle Pd belt tension tool as shown until the end touches the belt and move the rubber O-ring flush with the face of the belt guard.



Remove the belt tension tool and lay next to an open tape measure and read the dimension where the larger rubber O-ring is located. Move the smaller rubber O-ring as far to the left as shown.

Modification - Air Compressor Belt Guard



Secure the belt tension tool and move the larger O-ring 0.2500 (1/4) further away from the plunger end as shown.



Insert the belt tension tool as shown until the end touches the belt and push until the rubber O-ring is flush with the face of the belt guard. Remove the tension tool carefully.



Look at the small O-ring and read the number in pounds. Correct belt tension should be 11 pounds for a new belt and 8 pounds to 11 pounds for a used belt. If adjustment is required, see service manual.