

March 28, 1978

Service Bulletin #109A (Replaces #109)

To: All Distributors And Dealers

Subject: Snowthrower Auger Drive Idler Pulley Failures

Models: 5HP Single Speed With Reverse  
5HP And 8HP 3 Speed Unitrol With Reverse

Serial Numbers: 6208F1-559 through 7355B1-193

It has come to our attention through field reports that auger idler pulleys have failed prematurely. Failure has generally occurred within the first three hours of operation.

Through research we have found that some of these subject pulleys were not plated properly. Without the proper plating, the lubrication on the bushing can be absorbed into the pulley thereby causing bearing seizure.

If you should experience this problem, repair as follows:

1. Replace the idler pulley and bronze oilite bushing assembly, Part Number 10532.
2. Check that the oilite bushing is extended out approximately .010 to .020 of an inch on the recessed side of idler. Press bushing to obtain this dimension if it is flush with recessed side of idler. This spaces the washer away from the idler, reducing friction.
3. Lubricate the flat side of the idler pulley, and recessed side for washer with "Never Seeze" or "Anti-Seize" compound.
4. Lubricate steel bearing groove and oilite bushing with Number 2 wheel bearing grease.
5. Replace belt\* Part Number 18055 if necessary.
6. Bend the idler bracket, with an adjustable wrench if necessary, to assure that the idler pulley rides straight into the belt.

All idler pulleys shipped from the factory since January 2, 1978 are approved plated or steel idlers.

\*The belts on these snowthrowers are specifically designed and engineered to provide long service.  
DO NOT USE SUBSTITUTE BELTS.

Service Department