

UP Time



Seasonal Maintenance / Service Suggestions:

All suggestions made in this area of the publication can be found in the Owner / Service manuals.

Special points of interest:

- * SEASONAL MAINTENANCE SERVICE SUGGESTIONS
- * TRADE DRESS INFRINGEMENT
- * "DIY" SERVICE
- * SHREDDER "GUY"
- * USED TRUCK LISTING

This winter has been one of the mildest on record with regard to snow for most of the country. Those that work in the elements appreciate the fact that there was not much snow. The lack of snow and extreme cold has also given the equipment a bit of a rest. From a service standpoint not much changes from winter to summer and vice versa. These service reminders are all things that veteran equipment operators take for granted, still worth going over with new employees and a good refresher for long term people.

- Ensure the hydraulic oil in your system is seasonally appropriate.
- Change the hydraulic oil and the filter if necessary.
- If equipped, check to ensure your tank and panel heaters are operating properly and or shut off.
- Make sure your receptacle (ground fault is recommended) and extension cords are heavy enough and are in good repair. Put the extension cord away in good shape and it will save time in the fall. Tagging them is also a good idea.
- Cooling fans should pull air through the cooler not push air. Blow out with compressed air or power wash the cooler fins to ensure they are clean.
- If necessary replace the gearbox oil in the shredders and compactor with the correct factory approved gear oil which is listed in the manual that came with your truck. If equipped the cooler bypass valve should be CLOSED yes "CLOSED FOR THE SUMMER".

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USED TRUCK LISTING

To help service our customers Alpine Shredders has a section on our website dedicated to resale vehicles, where you can list your used shredding trucks. Visit www.alpineshredders.com and click on the

"USED TRUCKS" tab for more information.

General Service (DIY) Instructions

Changing gearbox fluids.

It has been requested that we provide instructions on common service related items in our newsletter. As a result of these requests, we will be providing instructions on differing aspect of maintaining the shredder portion of your truck. **When doing any work on your truck make sure all safety and lockout procedures are followed.** If any of these instructions are unclear please call Mike in service for clarification.

There are a few things to remember when performing this task

- Make sure you have the correct gear oil (found in owners manual) and the correct amount of oil to do the job.
- I suggest you use a 2 1/2" tall by 8" x 12" baking tray to drain the oil into (please dispose of the oil in an environmentally friendly way).
- An 8mm allen wrench will be needed to remove the plug on a 720 gearbox and a 6mm allen wrench will be needed for the 512 gearbox.

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Service / Maintenance CONTINUED

The entire vehicle needs to be Maintained.

- Ensuring the engine and transmission have been serviced. The cheapest thing you can do for a truck is making sure the oil and filters are changed on a regular basis, best bang for the buck.
- The links from the transmission to the pumps also need to be maintained not only in the spring and fall but throughout the year. The PTO shafts need to be inspected to ensure there is no excessive play in the slip and spline area. Also ensure the lock bolts on the yokes at the PTO and pump end are tight (this was suggested by a customer that had one come loose). The ujoints should have no perceivable play in them when checked. Finally all three grease fittings on each shaft should be greased to the point that fresh grease is seen to be purged out from all four seals on the cross of the ujoints and out of the slip.
- The truck chassis or power unit also needs to be serviced on a regular basis. If you look after this yourself or depend on a dealership or independent repair facility it is important to do the maintenance on a regular basis. Most dealers and independent repair facilities will be able to advise you on what needs to be done regularly and what should be done seasonally.
- Have your anti freeze checked to ensure it is of sufficient strength for the region the truck will be operating in. Those in the warmer climates should also use anti freeze in their vehicles, anti freeze is formulated to help dissipate engine heat quicker, has rust inhibitors and water pump lubricants.
- Ensure you have windshield washer (again climate specific) in the vehicle along with good wiper blades. There is nothing worse than having the wipers smear the bugs to the point where you can not see.

Mike Ulakovic

DON'T BE FOOLED

Normally I contribute a little engineering piece to our news letter but this release will be dedicated to **Trade Dress Infringement**. As you know we changed our name to **Alpine Shredders** more than 2 years ago following our buy out of the minority New Zealand partners. We voluntarily changed our color, name, model numbers and logo in anticipation of our former minority partners attempting to confuse the market place in the future. Well the future is here they market themselves as AXO Shredders USA and claim to have introduced the 720 shredder & 512 shredders in North America back in 2004.

Well here are the facts:

- The management and production team at **Alpine Shredders** has been the same core group **since 2004** and is not AXO Shredders USA
- The **720** & **512** shredders were 608 & 408 shredders redesigned by **Alpine Shredders** and phased into Alpine's production over **3 years ago**. AXO Shredders USA recently adopted these new model numbers at the **2012 NAID** show.
- **Alpine Shredders** slogan "**Simple – Solid – Reliable**" has been in use for several years now and once again AXO Shredders USA felt the need to adopt the slogan.

We all enjoy the choices we have in the market place and it is our job as vendors to ensure you understand the product you are purchasing. **DON'T BE FOOLED make sure you are getting the real deal.**

Peter Viveen

Don't be fooled by Imitations

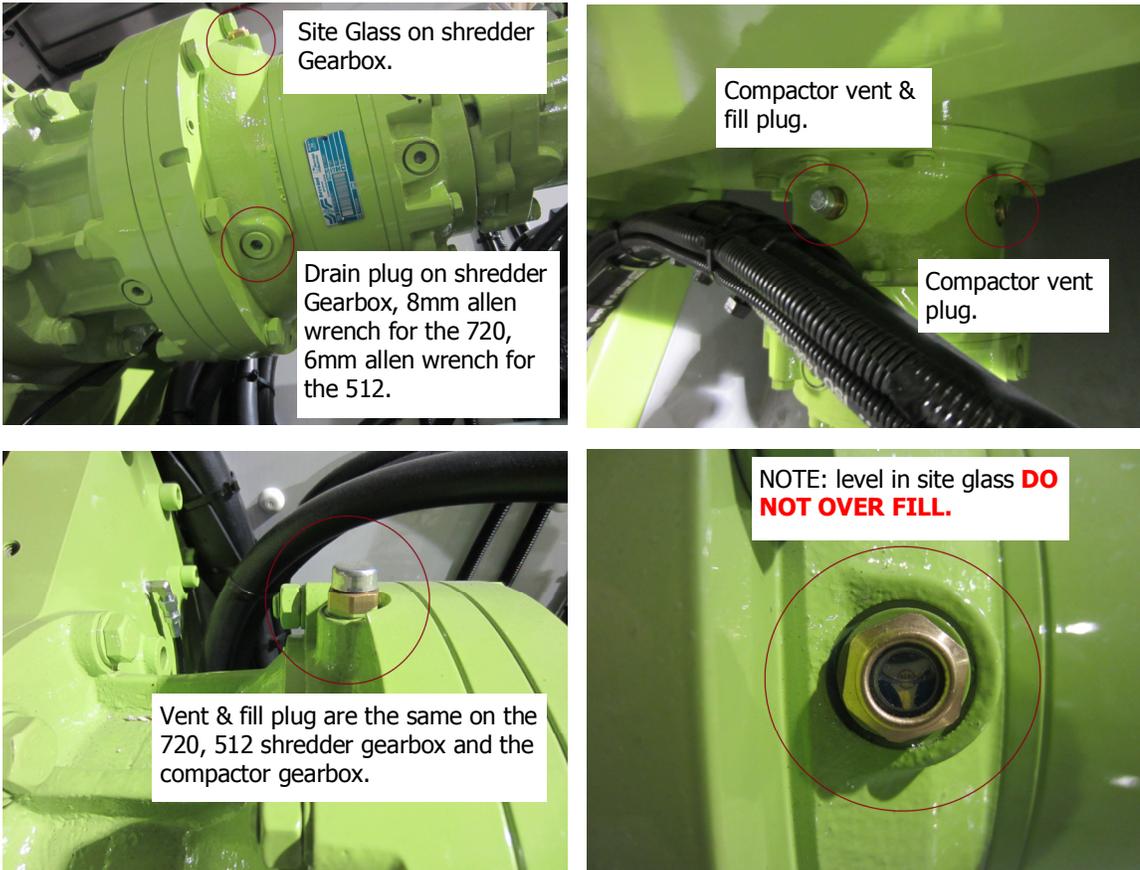
SIMPLE ❖ SOLID ❖ RELIABLE... ON ANY CHASSIS



"DIY" Service

- Drain the oil from the compactor gearbox and both of the shredder gearboxes into the baking tray (note all the oil may not fit into the tray so monitor it when you are draining the gear oil so you don't end up with a mess). (see photos for typical locations of the drain plugs, fill plugs, site glasses and vent plugs).

The pictures below are of the 720 setup, which is very similar to the 512 setup.



- After draining all the gearboxes ensure the drain plugs are reinstalled and tighten.
- Remember not to over fill the gearboxes if you do, the oil will burp out the vent hole while operating which makes a mess.
- It is also **VERY IMPORTANT** to **RECHECK** the **OIL LEVEL** after the truck has sat overnight. Again, if you have any questions please call Mike @ 866-246-5634 for clarification.

SIMPLE ❖ **SOLID** ❖ **RELIABLE... ON ANY CHASSIS**



In truck emergency "service" tool list.

Having been the Service Manager at Alpine Shredders since Feb of 2011, I have noticed that there are many of you that may benefit from the following tool list. These would be helpful should your truck go out of service on the road. The following tool list is suggested. These very basic tools can greatly help diagnose most electrical and hydraulic problems while the truck is out in the field. They include and are not limited to the following.

In truck "service" tools.

Basic Truck Tool & Supply List
(To be used by the driver when in the field)

Tools

- Test light 12 volt with 36" ground wire
- Adjustable wrenches 1 - 8" long
1 - 12" long
- Multi bit screw driver
- Slot screw driver 1/8" wide blade 4" long
- Metric and Imperial allen wrench set
- Vice grips 6"
- 14ga jumper wire with alligator clips installed
2 - 36" long
- Wire stripper / Wire end crimper
- Utility knife
- Flash light or head light

Supplies

- Zip ties 10 - 6" long
10 - 12" long
- 14ga wire 20 feet long
- Electrical tape 1 role
- Assortment of wire ends
10 - 14ga butt connectors
10 - 14ga spade connectors
10 - 14ga eyelets 3/16" holes
10 - 14ga eyelets 1/4" holes

Shredder "Guy" - with a brief sales moment!

Another **NAID** conference has come and gone and I would like to share a couple of general observations gathered from this event.

A MATURING MARKET is the general consensus for the state of the shredding industry. The number of new entrepreneurs entering the market is low and growth through acquisition appears to be strong. It's all about increasing the bottom line through efficiency of processes. Alpine truck owners have repeatedly mentioned how low cost of operation is allowing them to achieve better net dollars than with other manufacturer's equipment.

SHRED SIZE is still a moving target and although all the equipment manufactures now offer further size reduction including our **720 Dual Shred**, the majority of demand is still commercial shred size. We believe this will continue until there is a nationally legislated shred size requirement for ALL industries. But remember if particle size is something you are looking at in the future, unless some type of screen is used, you can NOT achieve consistent size.

The ROTARY FEED HOOPER is a great improvement for our 512 shredder block in the V Series. There were many positive comments with this design as paper feeds more efficiently to the cutters and helps break up paper in the hopper increasing throughput.

BTW.

If you are considering adding or upgrading to your current shred truck, perhaps we have just the right incentive...

With the purchase of any **Alpine** shred truck on an International chassis placed in service by December 31, 2012, included is an extended engine warranty to 48 months/7200 hours/200,000 miles!



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