

1. Engine Indicator Lamps – Driver Actions (See chart 1)

The chart shows dash emission warning symbols common to most trucks. Study these on your unit to familiarize yourself with them and the actions each requests.

2. It is useful to have parked regenerations performed at the yard during off-pumping times. Having these already done is helpful when getting ready for big jobs and for having uninterrupted pumping cycles. However, when your truck alerts you with a regeneration request, it is best to perform it right away. Don't ignore the request or turn the truck off if the message is displayed. Once a regeneration cycle begins, try not to interrupt it. If you experience problems with the emission equipment you can contact your local truck dealer or Alliance Concrete Pumps service staff for assistance.

3. **Air Dryer Under Truck (See photo 2)**
The air dryer is an often-ignored critical truck component. Because it is also a part of the emission equipment that allows proper regeneration cycles, it is vital to include this in your service maintenance upkeep. It is recommended to service the air dryer with a minor kit (o-rings and desiccant cartridge) a minimum of once yearly. The photo shows a common location for mounting under the truck frame, tucked out of the way.

4. **Torqueing Spring Pinch Fasteners to 170ft/lbs (See photo 3)**
Check these fasteners for prevailing torque and bring up to the recommended value when the truck is new, and then check again after a couple of months in service. Subsequent inspections should be performed and re-torque intervals can be extended if items remain at the posted values. *Note: applies to M-2 Airliner rear suspension.*

5. **Torqueing U-bolts to 600ft/lbs (See photo 4)**
Check these fasteners for prevailing torque and bring up to the recommended value when the truck is new, and then check again after a couple of months in service. Subsequent inspections should be performed and re-torque intervals can be extended if items remain at the posted values. *Note: applies to M-2 Airliner rear suspension.*

CHART 1






INDICATOR LAMP	DESCRIPTION	DRIVER ACTION
Amber Warning Lamp (AWL) 	Indicates a fault with the engine controls.	Vehicle can be driven to end of shift. Call for service.
Red Stop Lamp (RSL) 	Indicates a major engine fault that may result in engine damage. Engine derate and/or shutdown sequence will be initiated.	Move the vehicle to the nearest safe location and shutdown the engine. Call for service
DPF Regeneration Lamp 	Solid yellow indicates a parked regeneration may be needed. Blinking yellow, derate and/or shutdown are possible as soot load continues to increase. Lamp will shut off during parked regeneration.	Bring Vehicle to highway speeds to allow for an Automatic Regeneration OR Perform a Parked Regeneration
High Exhaust System Temperature Lamp (HEST) 	This is an information indicator. It indicates exhaust temperature is above a preset limit and the unit is operating at low vehicle speed. Lamp is yellow.	Vehicle can be driven.
Malfunction Indicator Lamp (MIL) 	Yellow lamp indicates a failure of an Emission Control device. May illuminate at the same time as the Amber Warning Lamp.	Vehicle can be driven to end of the shift. Call for service.

PHOTO 2

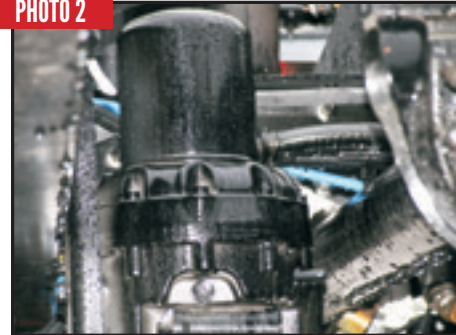


PHOTO 3



PHOTO 4

