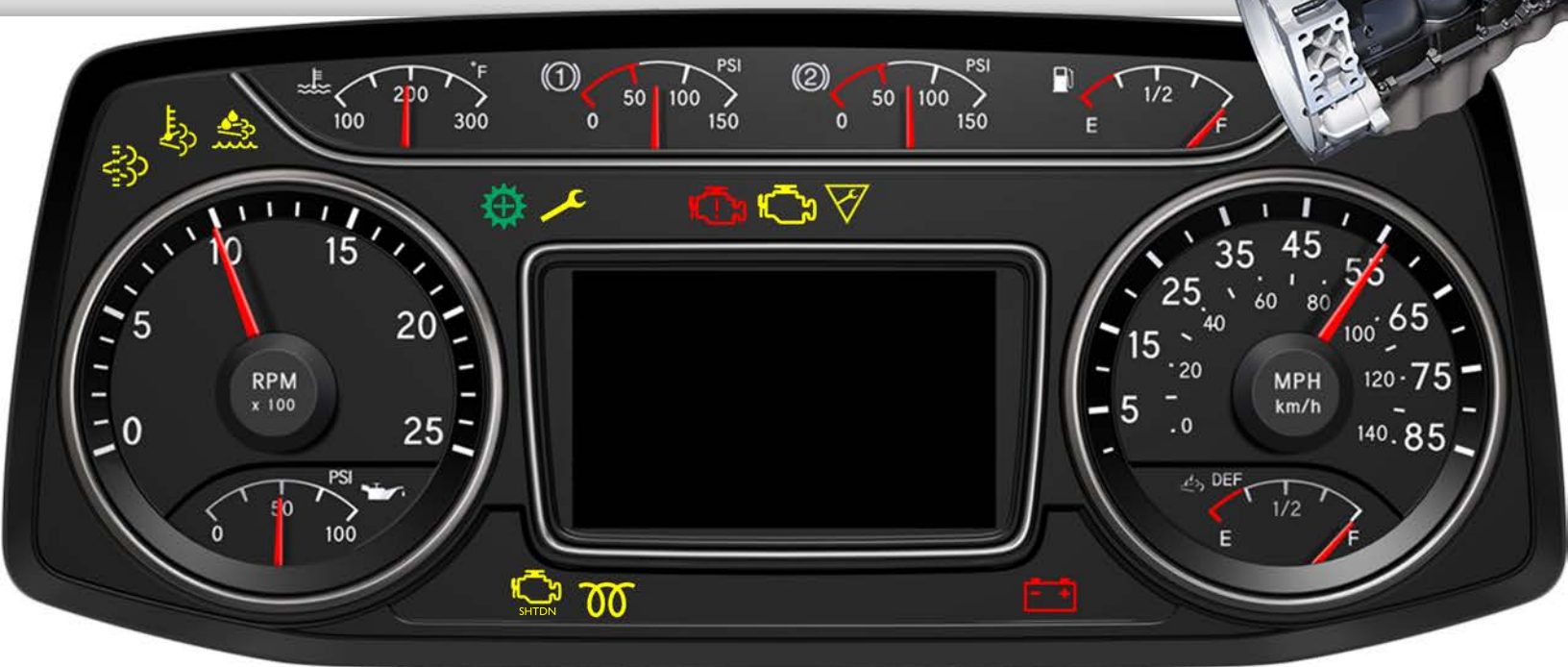











INTERNATIONAL® A26

HOW TO MAXIMIZE PERFORMANCE WITH YOUR



- A**  **HIGH EXHAUST SYSTEM TEMPERATURE (HEST)**
 - Exhaust temperature is high. This is normal and does not indicate the need for engine service. **Keep exhaust away from people and flammable areas.**
- B**  **ENGINE WARNING (**OBD SELF HEALING)**
 - Some condition within the engine, such as pressure or temperature, has reached a warning level, or Diesel Particulate Filter (DPF) is approaching maximum capacity. Engine may require service.
- C**  **ENGINE SHUTDOWN**
 - Some condition within the engine has reached a critical level, and the engine must be shut down.
- D**  **MALFUNCTION INDICATOR LIGHT (**OBD SELF HEALING)**
 - Indicates a malfunction in the engine or exhaust system requiring service soon.
- E**  **DIESEL PARTICULATE FILTER (DPF)**
 - Indicates heavy soot loading of the DPF. Extended highway driving or a "parked regeneration" can clear the soot. When flashing, a parked regeneration is required very soon. See DPF Regeneration (right) for instructions on how to do a parked regeneration. (Also available on visor or in operator's manual.)
- F**  **WAIT TO START LAMP**
 - The amber WAIT TO START lamp will illuminate when the inlet air heater is required. When the WAIT TO START lamp begins flashing, turn the ignition switch to START.
- G**  **SHIFT INDICATOR LAMP**
 - If enabled the green Shift Indicator Lamp will illuminate indicating the appropriate time to shift to a higher gear for maximum fuel economy.
- H**  **MAINTENANCE LAMP**
 - The amber maintenance lamp will illuminate in conjunction with other warning lights or general text and warning messages. It may be accompanied with audible alarm to indicate an alert condition to the operator such as scheduled maintenance. Check Informational Display Screen for further details.
- I**  **DIESEL EXHAUST FLUID (DEF) LAMP**
 - An illuminated DEF Lamp is an indication that the DEF level is low. This can be corrected by refilling the DEF tank with Diesel Exhaust Fluid.

**OBD SELF HEALING

If On-Board Diagnostics detect a fault, the Engine Malfunction and/or Engine Warning indicators may appear. Check oil pressure and water temp; if truck is not de-rated, proceed with caution. After three drive cycles are completed these indicators may disappear if the fault is no longer detected. If indicators are still illuminated after three drive cycles you should contact a service department immediately.

DRIVE CYCLE

Engine is started under 140°F and is operated over 170°F.

DPF REGENERATION

To start a parked regeneration, find a place away from flammable materials, structures or vapors where you can park for 20 to 40 minutes. Set the parking brake, but leave the engine running. For automatic transmissions, put the vehicle in park. For manual transmissions, leave it in neutral. Now push the "parked regeneration" button on the right side of the dash. Also, if your truck has a "regeneration inhibit" switch, make sure that it's not lit up or on.

DPF LIGHT FLASHING WITH BEEPING ALARM

A flashing DPF light with an audible alarm means the exhaust filter is completely full, and the engine power is being somewhat limited to prevent damage. In some trucks, the "engine warn" light will also be displayed. Do a "parked regeneration" immediately to avoid serious damage to the engine or exhaust system.



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DISCLAIMER: This is a quick reference guide provided by Southland Transportation Group. Information contained in this quick reference guide are excerpts from manufacturers owners manuals and have been abbreviated. Must refer to manufacturers manuals for complete details.

INTERNATIONAL A26 REGIONAL & LINE HAUL SERVICE INTERVALS

FUEL ECONOMY

LESS THAN 5.5 MPG

5.5 MPG-6.5 MPG

6.5 MPG OR HIGHER

Change Engine Oil and Filter ↳ Severe Service	20,000 mi/32,100 km every 15,000 mi/24,000 km / 6 months / 400 hours (whichever comes first)	30,000 mi/48,300 km	50,000 mi/80,400 km / 6 months
Change Fuel Filter	every Oil Change or 1300 hours (whichever comes first)		
Clean Diesel Particulate Filter (DPF)	350,000 mi/563,000 km 9000 hours	500,000 mi/805,000 km 9000 hours	600,000 mi/965,000 km 11000 hours
Adjust Engine Valve Lash	At 100,000 mi/161,000 km, at 200,000 mi/322,000 km & then every 300,000 mi/480,000 km		
Replace Engine Coolant (if equipped)	Max life is 1,200,000 mi/1,930,000 km, 8 years or 15,000 hours w/ coolant testing at 600,000 mi, 800,000 mi & 1,000,000 mi w/ Fleetrite coolant test strips		
Replace Coolant Filter	every 4th Oil Change/every 12 months		
Coolant Flush	200,000 mi/320,000 km or 15,000 hours with once a year additive check & adjustment as needed *Add coolant extender at 600,000 mi		
Clean Diesel Exhaust Fluid (DEF) Filter	every 300,000 mi/480,000 km		

For additional maintenance service or for more detailed information on the service intervals above, please consult the Engine Operators Manual. The recommended Service Intervals for A26 engines are directly related to the fuel economy achieved. Many variables affect fuel economy such as application, load, driver inputs and the elements. Please consult your International dealer for the latest service recommendations. A time or fuel usage limit may also apply. Refer to the Engine Operators Manual for complete details.
*CK-4 and FA-4 engine oil required to maintain service intervals noted above (FA-4 only approved for line haul applications).

DIESEL EXHAUST FLUID LAMP

Illuminated
An illuminated DEF Lamp is an indication that the DEF level is low. This can be corrected by refilling the DEF tank with Diesel Exhaust Fluid.

Flashing
A flashing DEF Lamp indicates that the DEF level has fallen below a critical level. This can be corrected by refilling the DEF tank.

Flashing DEF Lamp With Check Engine Lamp/ Amber Warning Lamp
A flashing DEF Lamp combined with an illuminated Check Engine Lamp/Amber Warning Lamp indicates that the DEF level is critically low and you will experience a power loss. Normal engine power will be restored after refilling the DEF tank.

Flashing DEF Lamp With Check Engine Lamp/ Amber Warning Lamp And Stop Engine Lamp
When your DEF gauge reads zero and the engine has been shut down, has idled for one hour after the DEF tank has been run dry or if the vehicle's diesel fuel tank is refilled without refilling the DEF tank, the Stop Engine Lamp will also be illuminated, along with the flashing DEF Lamp and the illuminated Check Engine Lamp/Amber Warning Lamp. Engine power will continue to be reduced automatically. The vehicle will also be limited to a speed of 5 miles (8 km) per hour. Normal engine power and vehicle speed will be restored after refilling the DEF tank.

DPF INDICATOR CHART

INDICATOR	[Solid]	[Flashing]	[Flashing] [Alarm]	[Solid]	[Flashing] [Alarm]	[Solid]
LEVEL	1	2	3	4	WARNING	
FILTER STATE	Exhaust filter regeneration is required.	Exhaust filter is almost full.	Exhaust filter is full.	Exhaust filter is overfull.	Failure to follow these instructions may result in a severe loss of engine power, vehicle speed, and may cause an accident or fire resulting in property damage, personal injury, or death.	
ENGINE PERF	Engine performance is normal.	Engine performance will soon be limited.	Engine performance is LIMITED.	Engine will SHUTDOWN in 30 SECONDS.	Failure to increase engine load by driving on highway at highway speeds OR to start Parked Regeneration when Exhaust Filter Indicator is ON will cause the engine to lose power.	
DRIVER SHOULD	Drive on highway at highway speeds OR start Parked Regeneration to prevent loss of engine power.	Drive on highway at highway speeds OR start Parked Regeneration to prevent loss of engine power.	Pull vehicle safely off roadway and start Parked Regeneration to prevent engine stopping.	Pull vehicle safely off roadway, turn on flashers, place warning devices, and STOP ENGINE. DO NOT USE PARKED REGENERATION. Call for service.	When performing Parked Regeneration on exhaust filter, make certain vehicle is safely off roadway away from any flammable materials.	
See Operator's Manual for Further Details						

MAXIMIZING FUEL ECONOMY

These are a few tips to help maximize the fuel economy.

- *Upshift at or around 1500 RPM
- *Downshift at or around 1000 RPM

- *Engine brake between 1300-1400 RPM
- *Best cruising fuel economy is achieved between 1325-1375 RPM

These are only tips to get the best fuel economy. These should not be regarded as the engine's maximum or minimum abilities.