

HOW TO MAXIMIZE PERFORMANCE WITH YOUR



WAIT-TO-START LIGHT
If the wait-to-start light comes on, the glow plug system is required and operating. Wait until the light turns off before starting the engine. This light may not come on in warm temperatures.



CHARGING SYSTEM LIGHT
If the light stays on, or comes on while driving, there may be a problem with the electrical charging system.



MALFUNCTION INDICATOR LAMP (CHECK ENGINE LIGHT)
If this light is on while the engine is running, a malfunction has been detected and the vehicle may require service. The light should come on to show that it is working when the ignition is on with the engine not running. This light may also come on when the system has detected a problem with the Diesel Exhaust Fluid (DEF) management system.



DIESEL EXHAUST FLUID (DEF) WARNING LIGHT
This light, a Driver Information Center (DIC) message, and a chime come on when there is an issue with the Diesel Exhaust Fluid. If the DEF level has not been corrected, the light will continue to flash when the vehicle is started. The vehicle's speed may also be limited.



ANTILOCK BRAKE SYSTEM (ABS) WARNING LIGHT
If the light comes on while driving, stop as soon as it is safely possible and turn off the vehicle. Then start the engine again to reset the system. If the ABS light stays on, or comes on again while driving, the vehicle needs service.



BRAKE SYSTEM WARNING LIGHT
If the light comes on while driving, pull off the road and stop carefully. Have the brake system inspected right away. Warning light also comes on when the parking brake is set.



AUTOMATIC TRACTION CONTROL (ATC) LIGHT
If the light is on and not flashing, the ATC system has been disabled. If the light is on and flashing, ATC is actively working.



TRACTION OFF LIGHT
The traction off light comes on when Automatic Traction Control (ATC) has been turned off by pressing and releasing the ATC button. If ATC is off, wheel spin is not limited.



CRUISE CONTROL LIGHT
For vehicles with cruise control, the cruise control light is white when the cruise control is on and ready, and turns GREEN when the cruise control is set and active.



POWER TAKE-OFF LIGHT
PTO light will remain on throughout the PTO operating cycle. If all conditions required to engage PTO have not been met when enabling PTO, the PTO light will turn on, then turn off after one second.



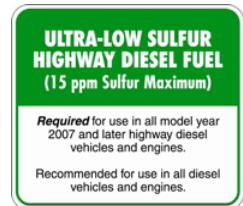
TOW / HAUL MODE LIGHT
For vehicles with the Tow / Haul Mode feature, this light comes on when the Tow / Haul Mode has been activated.

DIESEL PARTICULATE FILTER (DPF)
This vehicle is equipped with a Diesel Particulate Filter (DPF) to meet emissions requirements. The DPF traps exhaust particulate matter generated by normal engine usage.

DPF REGENERATION
The DPF will clean itself as part of normal operation. The self-cleaning occurs approximately once per tank of fuel. Under certain driving conditions, such as stop-and-go traffic, the filter cannot clean itself. A message comes on when the DPF is dirty and needs to perform a self cleaning. For the filter to clean itself, the vehicle must be driven above 30 mph (50 km/h) until the message goes off. This will take about 30 minutes.

MANUAL (PARKED) REGENERATION PROCEDURE
If equipped, this feature allows for manual cleaning/regeneration of the Diesel Particulate Filter (DPF) when it is unable to clean itself. It may be necessary to perform a manual regeneration if driving conditions — such as extended slow speed, stop-and-go traffic, extended idles, short drive cycles, or stationary PTO operation — prevent DPF self-cleaning. Manual regeneration can only be used when the DPF has become at least 90% full.

Ultra Low Sulfur Diesel (ULSD) fuel is required for the International® 6.6 equipped with advanced aftertreatment systems.



Oils designated as API CJ-4 or CK-4 are required for the vehicle.



SOUTHLAND
TRANSPORTATION GROUP

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SCHEDULED MAINTENANCE

This vehicle has a computer system that indicates when to change the engine oil and filter. This is based on a combination of factors which include engine revolutions, engine temperature, and miles driven. Based on driving conditions, the mileage at which an oil change is indicated can vary considerably. For the oil life system to work properly, the system must be reset every time the oil is changed.

Always refer to the OPERATION and MAINTENANCE MANUAL for complete details.	7,500 mi / 12,000 km	15,000 mi / 24,000 km	22,500 mi / 36,000 km	30,000 mi / 48,000 km	37,500 mi / 60,000 km	45,000 mi / 72,000 km	52,500 mi / 84,000 km	60,000 mi / 96,000 km	67,500 mi / 108,000 km	75,000 mi / 120,000 km	82,500 mi / 132,000 km	90,000 mi / 144,000 km	97,500 mi / 156,000 km	105,000 mi / 168,000 km	112,500 mi / 180,000 km	120,000 mi / 192,000 km	127,500 mi / 204,000 km	135,000 mi / 216,000 km	142,500 mi / 228,000 km	150,000 mi / 240,000 km
Perform Required Services per manual	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Perform Additional Required Services per manual		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓
Replace passenger compartment air filter (1)			✓			✓			✓			✓			✓			✓		
Replace engine air cleaner filter (2)				✓		✓			✓			✓			✓			✓		
Change transfer case fluid, if equipped with 4WD (3)						✓						✓						✓		
Drain and fill engine cooling system (4)																				✓
Replace brake fluid (5)													✓							
Replace fuel filter (6)			✓			✓			✓			✓			✓			✓		
Retorque front and rear axle U-bolt nuts (7)					✓					✓					✓					✓
Change 4x2/4x4 front axle wheel bearing oil (8)													✓							
Change front axle gear oil									✓									✓		
Change rear axle oil (8)								✓								✓				
Inspect rear axle wheel ends for leaks, lube level/condition, and check end play with dial indicator (8)													✓							
Change power steering fluid and filter													✓							

(1) Or every two years, whichever comes first. More frequent replacement may be needed depending on operating environment of vehicle

(2) Or every four years, whichever comes first. If driving in dusty conditions, inspect the filter at each oil change or more often as needed

(3) Or every 2,500 hours or every 24 months, whichever comes first

(4) Or every five years, whichever comes first

(5) Or every two years, whichever comes first

(6) Or every two years, or when the CHANGE FUEL FILTER message in the Driver Information Center (DIC) comes on, whichever comes first

(7) U-bolts nuts should be retorqued after the first 1,000 mi (1,600 km) and then roughly every 36,000 m (58,000 km) thereafter

(8) Or every 12 months, whichever comes first

Manual (Parked) Regeneration Procedure

If equipped, this feature allows for manual cleaning/regeneration of the Diesel Particulate Filter (DPF). Manual regeneration can only be used when the DPF has become at least 90% full. A Driver Information Center (DIC) message displays when manual regeneration is possible.

WARNING

To prevent personal injury and / or death, or damage to property, do not leave the vehicle during the regeneration. Make sure that there are no flammables near the muffler, DPF and exhaust pipe which may result in a fire. Remember that the temperature of exhaust gases is high enough to burn you.

1. Park the vehicle on level ground outdoors, safely off the roadway and away from flammable materials, walls, and buildings.
2. Scroll through the Driver Information Center (DIC) pages to find the Exhaust Filter page. If the vehicle has the uplevel cluster, the page is in the Options menu.
3. Verify that the following safety conditions are met:
 - The vehicle is at least 10ft (3m) from any obstructions or materials that may combust or melt.
 - The shift lever is in Park (P).
 - The fuel tank is at least one-eighth full.
 - All fluids are at the proper level.
 - No diagnostic trouble codes have been set and the malfunction indicator lamp is not on.
 - The engine coolant temperature is above 160°F (71°C).
4. Press the trip odometer reset stem or @ on the steering wheel control for at least one second to select Start on the DIC.
5. Follow the instructions in the DIC messages. Select ACCEPT to acknowledge that all of the safety conditions have been met and to activate regeneration.
6. Continue to follow the instructions in the DIC messages. Press and hold the exhaust brake switch on the center stack below the climate controls for more than three seconds, and then release it, to begin the regeneration process.
 - If the EXHAUST BRAKE ON message displays, then the switch was released too soon. Press it again to turn off the exhaust brake. Then, try again when prompted by the DIC message.
7. When manual regeneration begins, the engine speed increases, the engine cooling fan sound increases, and a DIC message indicates that cleaning is in progress.
8. Cleaning could take up to 30 minutes. A DIC message will indicate when it is complete.
9. Upon completion, the engine will return to normal idle, but exhaust components will remain hot for several minutes. Do not move the vehicle until the exhaust has had time to cool.

Manual regeneration can be canceled at any time by pressing the brake pedal or turning the engine OFF. Unusual noises may be heard if regeneration is interrupted.

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