



Countries: CANADA, UNITED STATES **Document ID:** IK1201009
Availability: ISIS, Bus ISIS, FleetISIS, IsSIR **Revision:** 6
Major System: ENGINES **Created:** 10/30/2013
Current Language: English **Last Modified:** 7/13/2017
Other Languages: NONE **Author:** Allan Hertko
Viewed: 1374

[Less Info](#)

Hide Details

Coding Information

Copy Link	Copy Relative Link	Bookmark	Add to Favorites	Print	Provide Feedback	Helpful	Not Helpful
		View My Bookmarks				17	4

Title: Winter Front Usage**Applies To:** All medium and heavy duty Navistar vehicles operating in very cold climates

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

7/13/17 - Added LT part #
 1/20/16 - Added note about PSI 8.8L engines
 1/15/16 - Removed duplicates from parts section
 10/13/15 - Added information for heavy duty products and added part numbers
 4/30/15 - Author updated for feedback purposes

DESCRIPTION

In some areas with ambient temperatures reaching below 15F (-10C) and high levels of humidity, an operator may experience engine stalling and poor aftertreatment performance. This is caused by condensation accumulating in the Charge Air Cooler (CAC) and freezing; affecting intake air flow.

PROCEDURE

Winter Fronts are **not to be used** with the PSI 8.8L Propane engine.

A Navistar approved winter front should be installed to limit air flow through the cooling module. Navistar approved refers to any parts that can be purchased through the International parts system.

NOTE: Winter fronts that have large slots and do not cover the bumper opening are not effective in preventing CAC freezing. In extreme cases when operating below 0F (-15C) it may be necessary to use a cover for the CAC.

WARNING: Winter fronts and CAC covers should be opened or removed when operating in temperatures above 35F(0C) or engine could overheat and be damaged.

RECOMMENDATION: When available, shutters should be ordered to automatically compensate for cold temperature operation.

SERVICE PARTS INFORMATION

PREFERRED DESIGN

Not compatible with High Cab DuraStar or WorkStar.

Note - flush mount bumper assumed for all compatible vehicles

<u>Part Number</u>	<u>Part Description</u>	<u>Model</u>
ZEDWF2109	Winterfront	9900
ZEDWF2167	Cover-Rad WF	4300/4400/8500
ZEDWF2171	Cover-Rad WF	7000 Series '02+
ZEDWF2189Y	Screen-WF Yellow	IC Bus
ZEDWF2195	WF 3 Slots White CE Bus	IC-CE Bus '04+

ZEDWF2195L	WF White International CE Bus Extd	IC-CE Bus '04+ (Long)
ZEDWF2195LY	WF Yellow International CE Bus Extd	IC-CE Bus '04+ (Long Yellow)
ZEDWF2195Y	Winter Front Yellow CE Bus	IC-CE Bus '04+ (Yellow)
ZEDWF2201	Winterfront	7000
ZEDWF2214	International 7000	7000 Series Utility Only
ZEDWF2219	Prostar WF	ProStar
ZEDWF2219F	WF White Int ProStar w/Flaps	ProStar w/Closing Flaps
ZEDWF2219PS	WF White Vinyl w/ProStar	ProStar w/Logo
ZEDWF2233	WF Black Vinyl w/Snaps	FE Bus '06+ (Upper)
ZEDWF2234	WF Black Vinyl w/Snaps	FE Bus '06+ (Lower)
ZEDWF3033	Winterfront	LT

Proper fitment examples:



Not compatible with high cab DuraStar or WorkStar - too short.



Acceptable Design:

**Acceptable Design - Part Number - CEWF-FULL****CAC COVER**

In extreme cases when operating below 0F (-15C) it may be necessary to use a cover for the CAC.

- Covers can be fabricated locally - see example below

CAC Cover Example:

[Hide Details](#)

Feedback Information

Viewed: 1373

Helpful: 17

Not Helpful: 4

No Feedback Found