



APRIL 2017

School Bus Flyer

Fishing Opener is approaching... Are you ready?

Back by popular demand, Hoglund Bus Company will be giving away fishing lures with your parts purchase! This offer will last until the lures are gone.



Details to be released soon. Check your parts invoice back for more information or email marketing@hoglundbus.com to be added to the weekly parts special email blast.

INSIDE THIS ISSUE:

- New & Used Inventory
- Parts Specials
- Service Information
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Minnesota Sales Team

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DIRECT LINES:

Sales: 800.866.3105

Parts: 800.866.3104

Service: 763.271.2999

Tech Line: 763.271.2982



www.hoglundbus.com

OnCommand Parts & Service Portal

OnCommand Parts & Service Information provides technicians access to the most up-to-date, VIN-based service and parts information. It's an invaluable centralized source of essential service information to help improve vehicle repairs and maintenance, repair shop efficiency, technical knowledge and vehicle uptime.

Features and Benefits:

- With a subscription, technicians can gain real-time, up-to-date VIN-based service and parts information
- Locate technical information by major component group, model, vendor, engine and feature code
- Service manuals and bulletins are illustrated and include repair, overhaul, troubleshooting tips and diagnostic information
- Access to iKNOW technical database to search service articles by entering symptom terms and/or descriptions

With a login, you will have access to OnCommand's service and parts portal. If you would like to sign up for this fee-based service portal, please contact Cassie Angell at 763.271.2973, mnpartscoord@hoglundbus.com.

Front Line Tech Support - Doug Yager



We invite you to contact our Tech Helpline with any technical or training questions you may have.

Contact Info: D: 763.271.2982 • C: 763.350.2597
E: service@hoglundbus.com

MOBILE SERVICE AVAILABLE

Hoglund offers Mobile Service throughout Minnesota and parts of Iowa. Contact Tom Paulson for details and to schedule a service call.

Tom Paulson

D: 763.271.2962 - E: mobileadvisor@hoglundbus.com



Don't miss out on your chance to pre-order one of our annual Wall Calendars. The calendars are due to arrive in May, just before school lets out for summer! To ensure you receive this year's calendar, please email us at marketing@hoglundbus.com. Remember to include your name, school/organization along with a mailing address and phone. We will ship to the address you provide, unless otherwise arranged.

Diesel Exhaust Fluid Tips

Applies to: 2013 Model Year Forward International Truck Vehicles Using Selective Catalyst Reduction (SCR) After-treatment

Description: DEF, or Diesel Exhaust Fluid, is the reduction agent used in Selective Catalyst Reduction (SCR) after treatment systems. It is a mixture of 32.5% urea and pure (de-ionized) water, and has the following characteristics: • Nontoxic and Nonpolluting • Nonflammable • Stable and Colorless • Weak Ammonia Smell • Slightly Alkaline ~ pH 9.0 • Freezes at Approximately -11°C [12°F] • 9.2 lbs/gallon

Approved DEF is available through Navistar via the Fleetrite® brand (G-19-9251-B) and the Fleetguard Air Shield™ brand (G-19-9280-A). It is also available at many public locations.

NOTE: Although DEF freezes at ~ 12°F, Navistar vehicles using DEF are equipped with component heaters for cold weather operation. No additional operator interaction is required.

Specification DEF must meet the International Standard ISO 22241-1 for diesel engines. There is no acceptable substitute. For engines using SCR and operating in the United States or Canada, it is also strongly recommended that the DEF used be certified by the American Petroleum Institute (API). This would be indicated by a symbol on the container/dispensing system, as shown.



NOTE: Never try to create your own DEF by mixing agricultural grade urea and water. Agricultural grade urea does not meet the minimum quality requirements. It is unlawful to use DEF that does not meet the minimum specifications outlines in standard ISO 22241, or to operate an SCR equipped vehicle without Diesel Exhaust Fluid (DEF). Never add water or any other fluids, chemicals, or additives, to the DEF tank. Only approved DEF should be added to the vehicle's DEF tank.

WARNING:

- In case of eye contact, flush your eyes with large amounts of water for a minimum of 15 minutes.
- Do not swallow urea. In the case of ingestion, contact a physician immediately.
- Reference the Material Safety Data Sheet (MSDS) from your DEF supplier.



Testing: To test the concentration of the diesel exhaust fluid, use a DEF refractometer. When using a DEF refractometer service tool, the acceptable DEF measurement specification is 32.5 +/- 1.5 percent. This specification takes into consideration the refractometer tool tolerances, variability, and calibration when measuring DEF concentration.

Storage: The following conditions are ideal for maintaining diesel exhaust fluid quality and shelf life during prolonged transportation and storage: • Storage temperature between -5°C to 25°C [23°F to 77°F] • Store in sealed containers to reduce the possibility of contamination • Avoid direct sunlight.

In these conditions, diesel exhaust fluid has a minimum expected shelf life of 18 months. Each 5°C [9°F] increment above recommended temperatures reduces shelf life by 6 months. (For example 30°C [86°F] = 12 month shelf life, 35°C [95°F] = 6 month shelf life, etc.)



Long term storage in a vehicle (in excess of 6 months) is not recommended. If long term storage is necessary, periodic testing of the diesel exhaust fluid is recommended to make sure the concentration does not fall out of specification. DEF reacts with some materials. Most plastics, highly alloyed steels, stainless steel, and titanium are recommended storage materials. Mild Iron and non-ferrous metals such as zinc, aluminum, magnesium, nickel, and similar materials are not recommended. For detailed information on DEF storage and handling, refer to ISO 22241-3.

Cleanliness: Materials that come into contact with diesel exhaust fluid must be free from any contamination, oil, fuel, dust, detergents, and any other chemicals.

NOTE: Spilled diesel exhaust fluid, if left to dry or wiped away with a cloth only, will leave a white residue. Failure to clean the spilled diesel exhaust fluid from a surface may result in an incorrectly diagnosed leak of the diesel exhaust fluid dosing system.

Before the use of containers, funnels, etc. that will be used to dispense, handle, or store diesel exhaust fluid, make sure to wash them thoroughly to remove any contaminants and then rinse with distilled water. **NOTE:** Do not use tap water to rinse components that will be used to deliver diesel exhaust fluid. Tap water will contaminate the diesel exhaust fluid. If distilled water is not available, rinse with tap water and then rinse with diesel exhaust fluid.

Disposal: If spillage occurs, the diesel exhaust fluid should be either transferred into a suitable container, or covered using an absorbent material and then disposed of according to local environmental regulations. The container must be labeled correctly.

- Do not empty into the drainage system.
- Do not empty/release into surface water. Reference: iKNow Article IK0700053

April Service Special

DOT INSPECTION

\$97.50 Plus and additional 10% off needed repairs found during inspection

SALES

800.866.3105

Financing & Leasing Available

NEW BUS INVENTORY

PASS	YEAR	SPEC	MAKE	ENGINE	BRK
14	2017	1753	Ford/Transit	3.7G	H
16+1	2017	1742	Collins	Chev	H
27	2017	1759	Chev/Collins	6.0G	H
24+1	2015	1548	Starcraft	Chev	H
30	2017	1761	Collins	Chev	H
34	2017	1760	Collins	Chev	H
35+1	2017	1721	IC - CE	ISB/220	A
65	2017	1755	IC - CE	ISB/240	NH
71	2017	1715	IC - CE	ISB/240	A
77/71	2016	1646	IC - CE	ISB/240	A
77	2017	1731	IC - CE	ISB/240	H
77	2016	1615	IC - CE	MXDT/230	A
77	2016	1615	IC - CE	MXDT/230	A
77	2017	1717	IC - CE	ISB/240	A
77	2017	1732	IC - CE	ISB/240	A
77	2017	1736	IC - CE	ISB/240	A
77	2017	1758	IC - CE	ISB/240	A
77	2017	1754	IC - CE	ISB/240	NH
77	2017	1756	IC - CE	ISB/240	NH
77	2017	1757	IC - CE	ISB/240	NH
77	2018	1806	IC - CE	Propane/270	A
77	2018	1807	IC - CE	ISB/240	H
77	2018	1808	IC - CE	ISB/240	H
77	2018	1811	IC - CE	ISB/240	H

USED BUS INVENTORY

PASS	YEAR	MAKE	ENGINE	BRK	ODO
Large Conventional Buses 65 to 77 Passenger					
77	2014	IC-CE	MXDT/230	H	50's
77/71	2014	IC-CE	MXDT/215	H	40's
65	2014	IC-CE	MX7/240	H	40,393
65	2014	IC-CE	MXDT/230	A	40's
65	2014	IC-CE	MXDT/230	A	30's
65	2014	IC-CE	MX7/260	A	38,275
77	2013	IC-CE	MX7/220	H	56,109
77	2013	IC-CE	MX7/240	H	88,309
77	2013	IC-CE	MX7/240	H	47,599
77	2009	IC-CE	Maxx 7/215	H	110k
65	2009	IC-CE	MX7/200	H	121,418
77	2008	IC-CE	VT365/230	H	120's
65	2008	IC-CE	VT365/230	H	87,049
Transit Buses					
83	2010	IC-FE	DT466/190	H	125,123
77	2009	BB-FE	ISB/220	H	Avg 90's
83	2005	IC-RE	DT466/245	A	102,695
10 - 64 Passenger Buses					
14	2016	Chev	Gas	H	2,523
59	2013	IC	MXDT/215	H	107,410
59	2009	IC	MX7/215	H	105's
60	2008	TH	ISB 220	H	40,984
Special Needs & Lift Buses					
26+	2012	IC	MX7/220	H	43,692
35+1	2009	IC	MX7/215	H	98,739
29+2	2009	IC	MX7/215	H	98,593
18+	2009	Chevy	6.0L	H	163,691
42+1	2008	Frtl	Cat C7 220	A	104,196
17+1	2008	GMC	Diesel	H	80,977
28+2	2007	Thomas	Merc/190	H	136,091

USED BUS SPOTLIGHT



File: 22384A1 Odometer: 53,383
 Year: 2014 Engine: MXDT/230
 Make: IC-CE Fuel: Diesel
 Pass: 77 Brake: Hydraulic

\$62,500.⁰⁰

Financing & Leasing Available

TRADE SHOWS & TRAINING

5/06/17 - MN School Bus Road-ee, Arden Hills

5/10 - 5/12 - MASBO, Duluth Ent. Conv. Center

6/11 - 6/13 - MSBOA Summer Conference,
Ruttger's Sugar Lake Lodge

7/8 - 7/12 - STN EXPO, Peppermill Resort, Reno

WARRANTY SUPPORT

We invite you to contact our Warranty Department with any questions you might have.

Brian Tesmer

D: 763.271.2978

E: brian.tesmer@hoglundbus.com



2017 IC BUS UNIVERSITY TRAINING SCHEDULE

- June 12 - 16
- July 10 - 14
- June 26 - 30
- August 7 - 11

Training will be held at the Training Center at the Tulsa Bus Plant. It includes a Tulsa bus plant tour and comprehensive training on parts, service and maintenance.

Contact your Hoglund Bus Co. representative for more information, registration and cost.

Return Service Requested

PARTS SPECIALS

WIPER BLADE SPECIAL



ANCO Premium 91 Series Wiper Blades

ANCO9118 through ANCO9126 **\$4.²⁶ ea.**



Fleetrite Premium Blades

FLTP18 and FLTP22 **\$4.²⁶ ea.**

REMAN TILT STEERING COLUMN HOUSING

All new bearings & seals:
 Fits BE200, CE200/300 Buses
 Part number: 2587333C91R



\$497.²³ ea.

SCHOOL SIGN COVER

Install without ladders or climbing on the bus.

\$82.⁰⁶ ea.



800.866.3104



New & Improved Booster Pumps

Bergstrom's new booster pump offers improved durability, higher performance and greater efficiency.



Inlet Tube: 90° 1" Inlet
 IC Corp: 2227279C92
 Hoglund Part #: 1099301 **\$128.⁰⁶ ea.**



Inlet Tube: 90° 1" Inlet
 IC Corp: 3858732C91
 Hoglund Part #: 1099302 **\$112.⁹⁵ ea.**



Inlet Tube: 90° 1" Inlet
 IC Corp: 2227281C92
 Hoglund Part #: 1099303 **\$116.³⁰ ea.**



Inlet Tube: Straight 1" Inlet
 BB:02148849
 TH: 6123-0211
 Hoglund Part #: 1099304 **\$101.²⁰ ea.**

Stretch your parts dollars with these special offers!

Our Parts Department carries an extensive inventory of "all makes" products and can supply everything needed to keep your vehicles running smoothly.

To sign up for weekly parts specials, email marketing@hoglundbus.com