



HOGLUND BUS CO., INC.

The School Transportation Specialists

February 2007

MONTHLY FEATURES

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BUS INVENTORY

**PRE 07' EMISSIONS
NEW BUSES IN STOCK**

**DEMO SALE
2005 FORD/MIDBUS
DIESEL 9+2 - 43,000**

USED BUSES

**2006 INT'L 77 PASS 365 - 26,000 miles
2005 INT'L 77 PASS 365 - 35,000 miles
2004 INT'L 77 PASS - 69,000 miles
2002 INT'L 19+4 - 444 LIFT BUS
1998 INT'L 25+4 - 444 LIFT BUS
1998 INT'L 71 PASS - 444**

**WE LOOK FORWARD TO SEEING YOU AT THE MAPT/MSBOA JOINT
WINTER CONFERENCE IN ROCHESTER. BE SURE TO STOP BY OUR
BOOTH FOR THE IC/HANKOOK FOOTBALL THROW OFF!!!**

JOIN OUR MONTHLY E-FLYER

Hoglund Bus Co. is now offering our monthly newsletter through email. Call 763-271-2959 or email marketing@hoglundbus.com and join our e-flyer list to begin receiving our monthly school bus flyer and other great offers via email.

INTERNATIONAL LAPTOP COMPUTER TRAINING • APRIL 4 or 5, 2007

Hoglund Bus Co. is hosting another International Laptop Computer Training. Due to the great success of our previous laptop training and the high demand for another, Hoglund Bus is offering 2 sessions at our Monticello, MN Dundas location. Cost of the training will be \$190.00 and includes lunch. Classes will run from 7:30am - 4:00pm and are being offered Wed., April 4th or Thurs., April 5th. Bring your laptops with you for hands-on training.

- | | |
|--|--|
| Topics covered include but are not limited to: | • Sessions (test data screens) |
| • Software overview | • How to add/delete information viewed |
| • Tests available by engine type | • Changing customer programmable engine features |
| | • Fleet Passwords |
| | • "Road Performance" problems |

Class sizes are limited to eight people per session - call today to ensure your spot. Early registration will also allow us to add another session if needed. Call Linda today at 763-295-5119 and request a registration form.

HOGLUND BUS CO., INC.

Metro Telephone: 1-763-295-5119

Toll Free: 1-800-866-3105

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PROPER PROCEDURE FOR WIRE REPAIR/SPLICE OPERATION

DESCRIPTION

When wires and harnesses are allowed to rub against other objects that wear through the harness wrap and individual wire insulation, the copper conductors are exposed and can result in shorting and corrosion issues. This SFN illustrates the proper procedure for repairing those worn harnesses and wires. In some cases the corrosion is significant enough to prevent the proper adhesion of solder to the wire strands; in those cases replacement of the circuit or harness will be necessary.

Procedure

When repairing the abraded wire performing the following steps will prevent shorts and moisture entry into the wire conductors:

1. Inspect the suspect harness for signs of wear against sharp and/or hard surfaces. It may be necessary to power wash the harness and surrounding area to clean off accumulations of salt and road grime.
2. Determine the extent of damage to the individual wires within the harness. If the damage is to a minimal number of individual conductors and the insulation is not completely worn through and there is no copper exposed, the conductors and harness can be repaired by wrapping the individual wires and harness with a good grade of electrical tape sufficient to restore the insulating qualities to the original quality. Once the harness is repaired it must be rerouted to prevent further damage.
3. If the wear is sufficient to expose the copper conductors, the individual wires must either be cut and spliced, or the entire harness must be replaced. If the individual conductors can be repaired by splicing, proceed with Step 4.
4. If the area where the copper conductors are exposed is less than 1" long and the conductors are not badly frayed and cut. The wire can be repaired by cutting the wire in the middle of the damaged area, stripping the insulation back on either side of the cut and applying a crimp splice, soldering, and applying dual wall heat shrink tubing as described below:
 - a. Cut the conductor in the middle of the exposed conductor area.
 - b. Strip the insulation back 1/4 " from the wire ends as shown in Figure 1.
 - c. Place a 2" piece of double wall heat shrink tubing on one of the wires to be spliced.

NOTE: If the insulation is striped as shown in Figure 1 and the exposed wires are black from moisture intrusion or green from corrosion, the technician should try to tin the wires before inserting them into the crimp splice. If the wires tin properly and solder flows smoothly on to all the individual wire strands the repair will be effective. If however, the solder does not flow properly and there is evidence that all or parts of the conductor will not take solder, the wires should be cut farther back until wires appear to be clean, the insulation stripped again, and tinned again. If the wire strands still won't take solder, the circuit should be replaced because the crimp splice will not be effective.



Figure 1

CALL OUR TECH HELPLINE AT 1-866-286-1320!

WIRE REPAIR/SPLICE OPERATION CONT'D

d. Crimp both wire ends into the appropriate sized crimp splice as shown in Figure 2. Make sure all the individual wire strands are inside the crimp splice.

e. Solder (60/40 rosin core) both conductors into the crimp splice. Make certain that the solder and conductor are hot enough to allow the solder to "flow" into the individual conductors of the wire and the inside of the crimp splice as shown in Figure 3.



Figure 2

NOTE: A good solder joint is created by applying heat to the crimp splice, not to the wire conductors or the solder. Once the splice is hot enough to melt the solder on contact, the solder will flow over and into the crimp connector as well as flow into the individual strands of the wire. If the solder joint is shiny and smooth then the proper temperature was obtained. If the solder is dull then the operation has produced a "cold solder joint" and it should be reheated until the solder flows properly.

f. Slide the 2" section of double wall heat shrink tubing over the crimp splice and apply sufficient heat to shrink the tubing over the connector and wires as shown in Figure 4. Make sure the tubing is centered over the crimp connector prior to applying heat.



Figure 3



Figure 4

Article taken from International Service Manual

EMPLOYEE PROFILE - BUS SALES MANAGER



We are pleased to announce Jason Anderson as our School and Commercial Bus Manager. Jason will take on the management responsibilities of our growing bus sales departments.

Jason worked for Citi Financial prior to joining the Hoglund Team. Key skills Jason says he developed while working at Citi Financial, particularly when working with customers affected by hurricane's Katrina and Rita, include communication and adaptability. He states, "using the resources at Citi we worked together to meet customer needs."

When not at work Jason spends time with his wife Marissa and kids, Jaden and Blake. Enjoying the outdoors; and hunting and fishing are some of the activities they enjoy together. They have no pets, but Jason adds the kids almost had him talked into a lab once!

Jason chose Hoglund Bus & Truck Co. because it's a family owned company that has "impact on the area."

Jason can be reached at 763-271-2955 or cell 612-940-3477.

Welcome Jason, to the Hoglund Team!

CALL YOUR SALESMAN FOR NEW BUSES IN STOCK @ 800-866-3105.

Hoglund Bus Co., Inc.
I-94 & South Hwy. 25
PO Box 249
Monticello, MN 55362

Hoglund Bus Co., Inc.
"Celebrating 60 years of Business"

Call the
Bus Transportation Specialists
Hoglund Bus Company
1-800-866-3105

Visit us online at
www.hoglundbus.com
www.ic-corp.com

FEBRUARY PARTS SPECIALS

IF YOU'RE NOT ALREADY USING FLEETGUARD/CUMMINS FILTERS, JOIN THE OTHER MEMBERS OF THE MSBOA WHO ARE PARTICIPATING IN THE FLEETGUARD/CUMMINS MSBOA/BUS GROUP FILTER PROGRAM. THIS PROGRAM ENABLES BUS OPERATORS TO BUY OEM QUALITY AND OEM APPROVED FILTERS FOR ABOUT THE SAME PRICE AS THE AFTERMARKET WILL FIT FILTERS.

HERE ARE A FEW EXAMPLES OF THE SAVINGS:

AF979 INTERNATIONAL AIR FILTER \$22.18

LF689 DODGE 3.7L GAS OIL FILTER \$2.97

LF3883 INTERNATIONAL ELECTRONIC
DT-466 OIL FILTER \$12.54

LF16109 CHEV 8.1L GAS OIL FILTER \$4.15

LF667 CAT 3116 AND 3126 OIL FILTER \$4.59

LF3349 CUMMINS 5.9 OIL FILTER \$3.48

LF3970 CUMMINS ISB OIL FILTER \$6.70

WITH THIS PROGRAM THERE IS NO MINIMUM PURCHASE REQUIREMENT. YOU CAN BUY 1 FILTER OR A CASE. THE ONLY REQUIREMENT IS THAT YOU MUST BE A BUS OPERATOR TO PURCHASE AT THESE PRICES.

CALL HOGLUND PARTS TO SIGN UP AND SAVE

CALL OUR PARTS DEPARTMENT TO PLACE YOUR ORDERS AT 1-800-866-3104!