



A Subsidiary of **FREIGHTLINER**
CORPORATION

Product Recall

To: ALL DEALERS

From: TRACY SAUERBREY - CUSTOMER SUPPORT DIVISION

Subject: RECALL06V-014, 06-010 (Canada)- Front Spring Replacement - HDX

Date: March 27, 2006

Enclosed are copies of the customer notification letter and the repair procedure for Recall 06V-014. This recall involves certain Thomas HDX school buses manufactured from July 2005 through November 2005. The front spring eyes may crack. Vehicle steering control may be reduced if abnormal front suspension noises are ignored, possibly resulting in a crash and personal injury.

This is a universal notification sent to all dealers. You may or may not have customers in your area affected by this recall. If owners in your area are subject to this recall, we have enclosed a printout listing those customers' names and addresses. If there is not a printout enclosed according to our records there are no units in your area involved. **If you have a printout and any of the units on it are still in your possession it is your responsibility to ensure the recall is performed before the unit is delivered to the customer.**

The repair will consist of replacing the front springs. The labor allowance for this repair is 3.4 hours per unit (SRT Code 90-55). **You will need to order your repair kit directly from the Parts Distribution Center, kit numbers: TBB 85490073 and TBB 62300413. Defective parts will need to be tagged and returned freight collect to Detroit Steel Products, ATTN: Jack Powers, 511 Range Line Rd., Morris Town, Indiana 46161.**

Thomas Built Buses has elected to notify all customers directly. Your customers will be contacting you to schedule an appointment for repairs. Reimbursement for parts and labor, (if requested) may be obtained by filing a warranty claim.

If you know of any customers who own or operate a Thomas bus in this recall, whose name and address is NOT listed or is INCORRECTLY listed on the enclosed printout, please promptly notify Thomas Built Buses of that additional information in writing. Thank you for your cooperation and assistance.


Tracy

Enclosures: Customer Letter Repair Procedure Printout (if applicable)



Repair Procedure

Instruction Sheet #85490072

Recall #06V-014

MODEL: HDX

SUBJECT: FRONT SPRING REPLACEMENT

PAGE: 1 OF 2

PARTS REQUIRED:

Kit #TBB 85490073

CONSISTS OF:

TBB 85490072	1	Repair Procedure - Recall 06V-014
TBB 61370115	8	Locknut - Nylon Insert 3/4 - 16
TBB 61371378	4	Nut Hex Locking M20-2.5 Class 10
TBB 61371379	2	Bolt Hex Head Metric M20-2.5 x 160
TBB 61371380	2	Bolt Hex Head Metric M20-2.5 x 145
TBB 61300207	4	U-Bolt, Front 7" Long

Required, not included in the Kit:

TBB 62300413	2	Spring, Front Taperleaf
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Front Spring Removal

1. Set the parking brake, chock rear wheels.
2. Lift front of bus enough to take weight off the front wheels, but with wheel still on the ground. Support frame on fixed stands.
3. Disconnect lower end of the shock absorbers and push up out of the way.
4. Remove spring U-bolts and nuts, and discard. (Do not reused.)
5. Remove the front and rear shackle bolts; discard nuts.
6. With an assistant supporting the spring, remove the U-bolts and carefully remove the spring from the chassis.

Spring Installation

1. Make sure the wrap leaf is towards the front of the chassis. Make sure the shock absorber lower mounting plate has the holes on the outside.
2. Place spring in place on the axle, install U-bolts and tighten nuts only slightly.
3. Re-Install 3/4 - 10 x 6 Bolts in Spring Shackle, torque **320 ft/lbs. Fig. 1**
4. Torque front U-bolts to **350 ft/lbs. +/-50**, in gradual increments of **100 ft/lbs.** to prevent creating areas of high stress in the U-bolts and in the spring seating.
5. Reconnect front shock absorbers.

Tighten the retaining nut until the outer washer contacts the shock mounting stud. Tighten to **10-15 ft/lbs.**

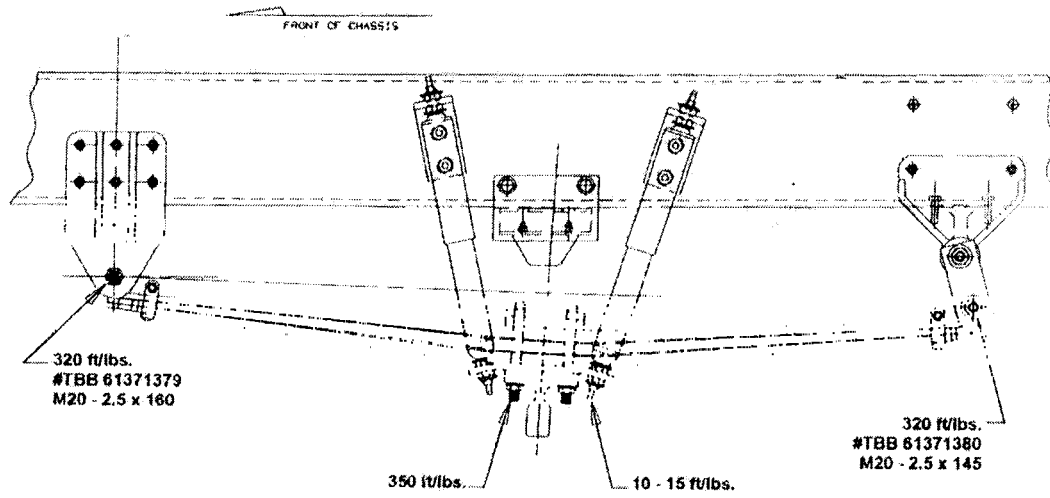


Fig. 1