



SEPTEMBER 25, 2007

TO: NORTH AMERICAN DEALERS

**SUBJECT: SERVICE BULLETIN S07MH CATERPILLAR C7-07
ALTERNATOR DRIVE BELT REPLACEMENT**

MODELS

AFFECTED: 2008 MODEL YEAR VISION (BBCV) BUSES

An incorrect alternator drive belt may have been installed on certain 2008 Blue Bird "Vision" (BBCV) buses equipped with the Caterpillar C7-07 engine. The original belts supplied by Caterpillar were too long for the application. Under high temperature conditions, the engine may overheat due to insufficient tension on the fan pulley.

The alternator drive belt should be removed and replaced according to the instructions provided in Service Bulletin S07MH. Copy attached. A printout of your buses affected by Service Bulletin S07MH is enclosed.

A supply of replacement belts will be shipped at no charge directly to each affected dealer. When your supply is depleted you will need to contact me at 478-822-2242 or send an email request to bill.coleman@blue-bird.com to obtain additional alternator belts at no charge.

Service Bulletin S07MH is being mailed directly to owners. Owners are being advised to contact their Blue Bird dealer for assistance, if needed.

Labor time required to remove and replace the alternator drive belt on buses without air conditioning is 0.2 hours (12 minutes) per bus. Labor time to remove and replace the alternator drive belt on buses with air conditioning is 0.4hrs (24 minutes).

Claims for labor (if any) to perform Service Bulletin S07MH may be submitted to dealers, if performed within one (1) year of date of issue of this bulletin. Claims for labor (if any) by a repair facility other than a Blue Bird dealer, shall be channeled through the assisting Blue Bird dealer. Use the "Create Campaign/Bulletin Claim form" Function in BBOND/Claim Trac to submit claims.

BLUE BIRD CORPORATION
P.O. Box 937 • Fort Valley, Georgia 31030
Phone: (478) 825-2021

Service Bulletin S07MH expires one (1) year from date of issue.

Questions regarding Service Bulletin S07MH should be directed to your Blue Bird Service Representative.

Sincerely,

A handwritten signature in black ink that reads "Bill Coleman". The signature is written in a cursive style with a large initial "B" and a long, sweeping underline.

Bill Coleman
Blue Bird Corporation
478-822-2242
bill.coleman@blue-bird.com



BLUE BIRD

September 25, 2007

Dear Blue Bird Owner,

You will find enclosed a copy of Service Bulletin S07MH regarding the alternator drive belt on your 2008 model year Blue Bird "Vision" buses equipped with Caterpillar C7-07 engines.

The original alternator drive belt is not the proper length for the application. Under high temperature conditions, the engine may overheat due to insufficient tension on the engine fan pulley. The original alternator drive belt must be removed and replaced with the correct alternator belt according to the instructions provided in Service Bulletin S07MH. Copy attached.

Your bus(es) affected by Service Bulletin S07MH are identified by Blue Bird body number on the enclosed cover sheet. See section 2.

Replacement fan belts are available from your Blue Bird Dealer or Bus Care/Bus Spec parts source.

Labor time required to remove and replace the alternator drive belt on buses without air conditioning is 0.2 hours (12 minutes) per bus. Labor time to remove and replace the alternator drive belt on buses with air conditioning is 0.4hrs (24 minutes). . A qualified repair technician should perform Service Bulletin S07MH.

You may request reimbursement for labor from your Blue Bird Dealer or Bus Care/Bus Spec parts source if modifications are performed within one year from the date Service Bulletin S07MH was issued.

Service Bulletin S07MH expires one (1) year from date of issue.

Should you have any questions concerning this bulletin, please contact your Blue Bird dealer or factory service representative.

Sincerely,

Bill Coleman
Blue Bird Corporation
478-822-2242
bill.coleman@blue-bird.com

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Alternator Drive Belt

MODELS AFFECTED: 2008 BBCV Visions w/CAT C7-07 Engines

ISSUE

The alternator drive belt on the CAT C7-07 engine is not the correct length.

CORRECTIVE ACTION

Replace the alternator drive belt with a new drive belt provided (Blue Bird P/N 0122527).

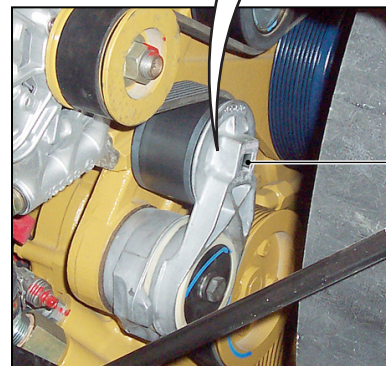
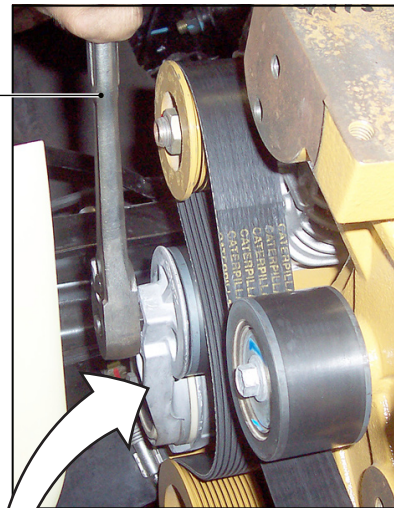
WARNING Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment when performing these procedures.

PROCEDURE

If your bus has had air conditioning added, it may be necessary to remove the A/C belts to perform the following task.

- 1** Park vehicle on a level surface, apply parking brake, turn engine off and remove ignition key.
- 2** Locate the alternator drive belt idler pulley. Using a 1/2 inch drive pull handle, insert it into the square socket of the idler pulley arm. Apply force upward in a counter-clockwise direction to release tension from the belt and slide the belt off the pulley. Slowly release the applied pressure from lower idler pulley.
- 3** Working the belt around the other engine components in a circular motion, remove the belt and discard.
- 4** Install the new belt (Blue Bird P/N 0122527), slipping it over the other engine components and onto their pulleys.
- 5** Insert the 1/2 inch drive pull handle into the square socket of the idler pulley arm. Apply force upward in a counter-clockwise direction and slip the belt into place at the idler pulley. Ensure the belt is correctly aligned on all pulleys before releasing pressure from the idler pulley.
- 6** Start engine, check all belts for true alignment and place bus back into service.

1/2 inch drive Pull Handle



1/2 inch Square Socket

Idler Pulley

PARTS LIST

PART NUMBER	QUANTITY	DESCRIPTION
0122527	1	Belt, Drive, CAT 08