



Mis-Build Investigation Notice – 12120

03 July 2012

Supersedes: N/A

Subject:

BE Bus Propshaft Guard

Model:

BE Bus

Build Dates:

09 August 2011 to 21 March 2012

Description:

This procedure only applies to 134 vehicles built 09 August 2011 through 21 March 2012 and flagged with MIN# 12120 in Service Portal. All other vehicles built during this period have either been repaired prior to shipment or determined not to require this repair procedure.

Tools Required:

Description	Tool Number / Type
Torque wrench	-
Electric drill	-
½ in. drill bit	-

Table 1 Tools Information**Parts Required:**

Part Number	Description	Quantity
484971C1 or 484972C1 or 484973C1 or 484974C1	Propshaft Guard Bracket (Only ONE bracket is required and any of these part numbers will work)	1
24862R1 or Equivalent Bolt	Bolt 1/2 X 1-1/2 PHC Type 8	2
25933R1 or Equivalent Nut	Nut 1/2 PHC Jam Type 8	2

Table 2 Parts Information

Standard Repair Time:

Operation number must appear on all claims.

Operation Number	Description	Time
A40-12120-1	Reposition Driveshaft Loop	0.7 hr

Table 3 Labor Information

Work Instructions

WARNING! Park vehicle on hard flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in both directions. Failure to do so may result in property damage, personal injury, and/or death.

WARNING! If the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over, potentially resulting in property damage, personal injury, and/or death.

WARNING! Always wear safe eye protection when performing vehicle maintenance. Failure to do so may result in serious eye injury.

WARNING! Keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases. Failure to do so may result in property damage, personal injury, and/or death.

WARNING! Remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last. Failure to do so may result in property damage, personal injury, and/or death.

1. Park vehicle on hard flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in both directions.
2. Remove rear driveshaft loop just above U-joint and set aside to be reinstalled in step 8 (Figure 1).

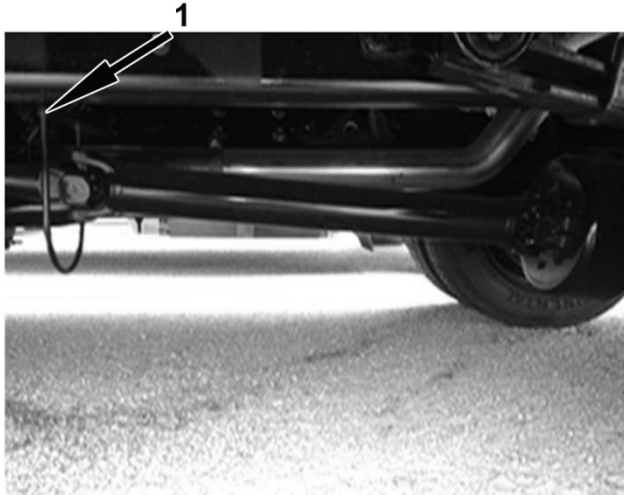


Figure 1

1. Incorrect location of driveshaft safety loop

3. Place and hold new bracket with flange on top of existing bracket with flange even with back of bracket on bus (Figure 2).

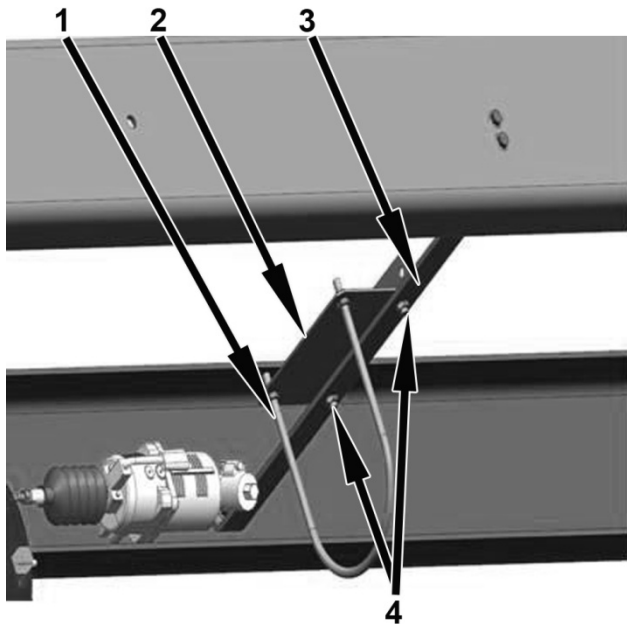


Figure 2 New Bracket Installed for Driveshaft Safety Loop

1. Existing U-bolt and nuts
 2. New support
 3. Existing prop guard support
 4. New 1/2 in. bolts and nuts
4. Using existing prop shaft support as a template, mark new bracket where holes need to be drilled.
 5. Remove new bracket and place bracket in a suitable holding device and drill two 1/2 in. holes where bracket was marked in step 4.

6. Place new bracket on top of old bracket and bolt two brackets together using two new ½ in. bolts and nuts and tighten fasteners to 85 lb-ft (115.2 N·m) (Figure 3).

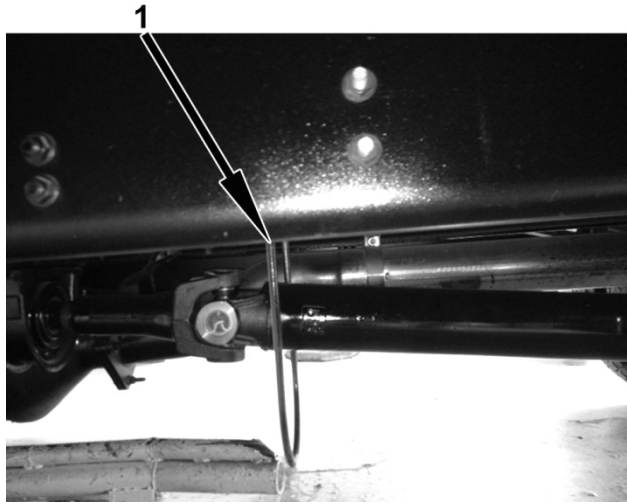


Figure 3

1. Correct location of driveshaft safety loop

7. Install and tighten driveshaft loop into new bracket.

8. Remove wheel chocks

Administrative Procedure

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, referring to Mis-Build Investigation Notice 12120.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the Other Charges tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, tube of silicone) should be prorated for the cost of the individual pieces/amount used during each repair.

To ensure this important improvement is made in a timely manner, all claims for 12120 activity must be submitted by 03 July 2013 or within the normal warranty period for the vehicle, if after 03 July 2013.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number G —

NOUN — Leave blank

C (CAUSE) — Enter either 1, 2, 3. (See below)

- 1. Inspected (No repair required).
- 2. Inspected and repaired.
- 3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40.

TYPE PART — Enter P for type part causing failure.

PAD — Enter 100