FRAME REPLACEMENT MATRIX—SERVICE TIP | TSB 07-25-13

FORD:
2004-2008 F-150

LINCOLN:
2006-2008 Mark LT

This article supersedes TSB **06-10-9** to update the vehicle model years.

ISSUE

Some Body Shops and Collision Repair Centers may find it necessary to replace frames on some 2004-2008 F-150 and 2006-2008 Mark LT vehicles.

ACTION

Use the Service Procedure and frame replacement matrix chart to properly repair the vehicle.

SERVICE PROCEDURE

Identify the current vehicle and frame level requiring replacement by inspecting the frame label. (Figure 1) At the top of the sticker will be 8L34-5005; the number in front of the L34 indicates model year of the frame. If necessary, work with Parts Central Order Processing (COPS) to make this determination. With COPS assistance, determine the service level frame that is available in service stock for the vehicle.

NOTE
LOCATE THE FRAME TAG LABEL ON THE FRAME RAIL. THIS LABEL IS LOCATED UNDER THE NUMBER 1 BODY MOUNT DIRECTLY UNDER THE “A” PILLAR ON EITHER SIDE OF THE VEHICLE. HAVE THE 4 DIGIT SUFFIX FROM THE LABEL AND THE VIN WHEN CALLING PARTS. (Figure 2)

Using the Service Frame Matrix (Figure 3), locate the vehicle being serviced and year of frame being replaced from the top of the matrix, and the available frame from the top of the matrix. The matrix is established with the assumption of 2008 MY frames being available to service earlier frames. The matrix will provide necessary parts to complete service frame replacement.

NOTE
SOME FRAMES FOR PAST MODEL YEARS MAY BE AVAILABLE THROUGH THE PARTS SYSTEM.

NOTE
FIGURE 4 IDENTIFIES LOCATION OF BULL NOSE.

NOTE
FIGURE 5 ENGINE MOUNT PART NUMBERS.

PART NUMBER	PART NAME
7L3Z-6038-DA	Engine Mount (See Figure 5 Application)
W710384-S441	Frame to Mount Nut (See Figure 5 Application)
5L3Z-6P018-AA	Plate (See Figure 5 Application)
W706698-S438	Mount (See Figure 5 Application)
7L3Z-6038-D	Engine Mount (See Figure 5 Application)
W711403-S439	Bolt (See Figure 5 Application)
7L3Z-6038-CA	Engine Mount (See Figure 5 Application)
7L3Z-6033-C	Engine Mount (See Figure 5 Application)
5L3Z-6038-AD	Engine Mount (See Figure 5 Application)
5L3Z-6038-AC	Bracket (See Figure 5 Application)
W711282-S439	Mount (See Figure 5 Application)
5L3Z-6038-JA	Engine Mount (See Figure 5 Application)
5L3Z-6038-KA	Engine Mount (See Figure 5 Application)
5L3Z-6031-AB	Bracket (See Figure 5 Application)

OTHER APPLICABLE ARTICLES: 06-03-04
WARRANTY STATUS: Information Only

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by “do-it-yourselfers”. Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article.The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates.The most recent information is available through Ford Motor Company’s on-line technical resources.

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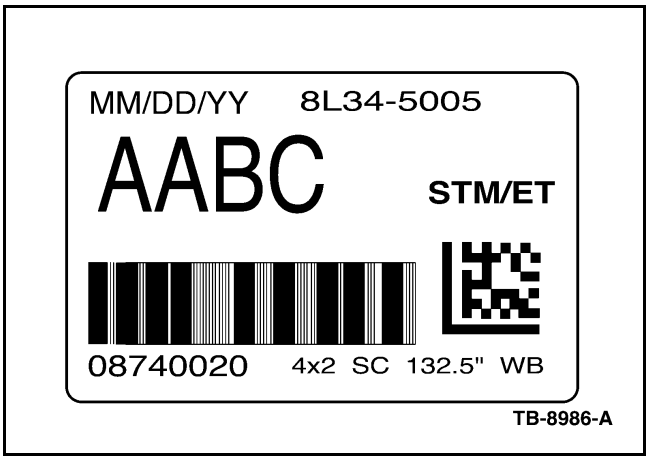


Figure 1 - Article 07-25-13

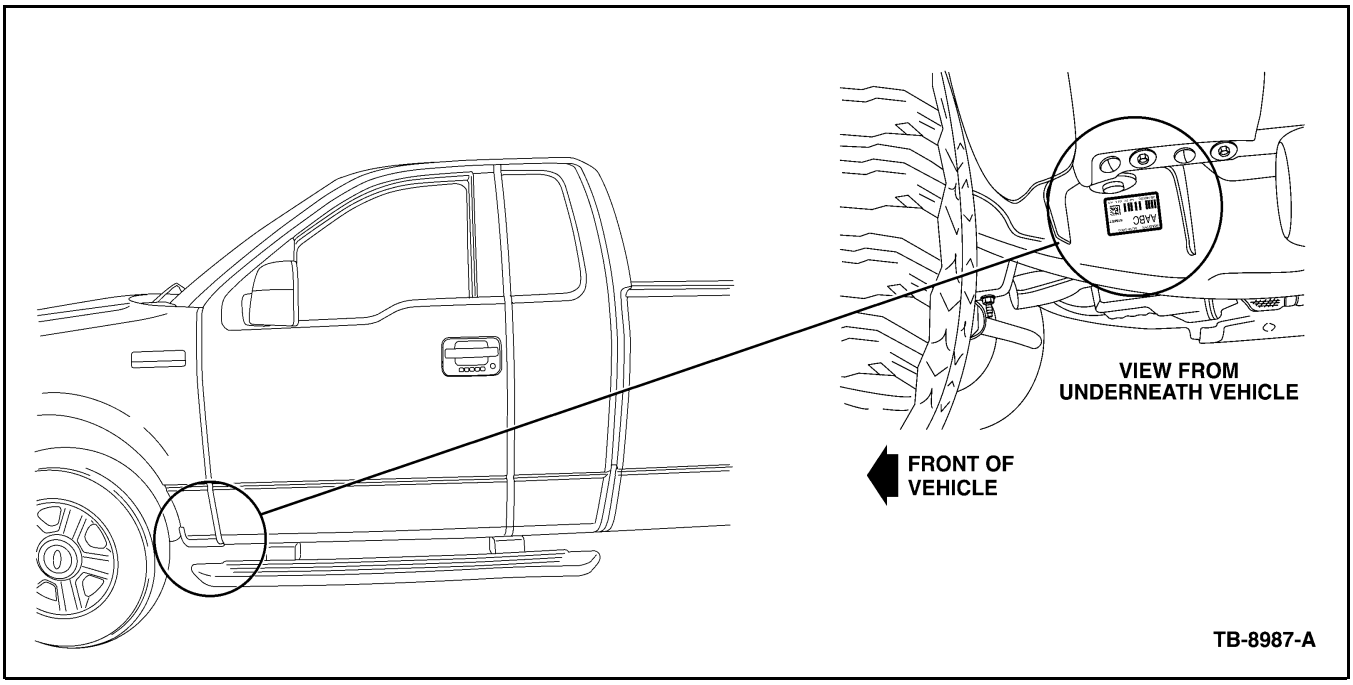


Figure 2 - Article 07-25-13

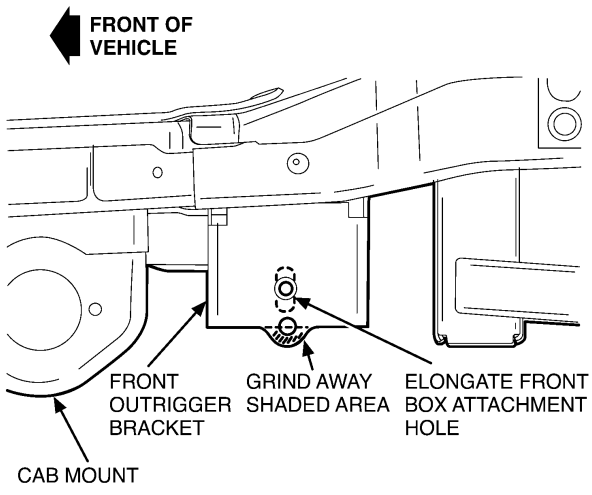
2008 Replacement Frame							
Required Parts for Intended Application	**2004 Pre "J" Suffix**	**2004 "J" Suffix**	**2005**	**2005 J2**	**2006**	**2007**	**2008**
133" and 139" wheel base models only require bull nose, refer to TSB 06-3-4, (Figure 6)	X					Compatible	
Right hand side engine mount and frame attachment hardware	X	X					
Left hand side engine mount and frame attachment hardware	X	X	X				
All models require latest level rear bumper, trailer tow package and frame attachment hardware	X	X	X	X			
All models require latest level rear parking brake cables and frame attachment hardware	X	X	X	X			
All models require a service only Hydraulic Control Unit (HCU) bracket, service part number 7L3Z-2C325-C	X	X	X	X	X		

NOTES:
Both AAC and ABC are 139" wheelbase, Crew Cab 4x2 frames.
AAC frames must be replaced with AAC service frames.
ABC frames must be replaced with ABC service frames.
2006 Mark LT built up to 8/25/2005 has the same frame hardware as a 2005 F-150.

TB-8988-A

Figure 3 - Article 07-25-13

DRIVERS SIDE BULL NOSE
TOP (DOWN) VIEW WITH BED REMOVED
FROM TSB 06-3-4



TB-8408-B

Figure 4 - Article 07-25-13

Engine Mount Information

5.4 L	Service Part Number
Right engine mount (4x4)	7L3Z-6038-DA
Frame-to-mount nut (M14)	W710384-S441
Plate (right side mount-to-frame)	5L3Z-6P018-AA
Mount-to-engine block bolt	W706698-S438
Left engine mount (4x4)	7L3Z-6038-D
Thru bolt (M18)	W711403-S439
Mount-to-engine block bolt	W706698-S438

4.6 L	Service Part Number
Right engine mount	7L3Z-6038-CA
Frame-to-mount nut (M14)	W710384-S441
Plate (right side mount-to-frame)	5L3Z-6P018-AA
Mount-to-engine block bolt	W706698-S438
Left engine mount	7L3Z-6033-C
Thru bolt (M18)	W711403-S439
Mount-to-engine block bolt	W706698-S438

4.2 L	Service Part Number
Right engine mount (ALL)	5L3Z-6038-AD
Right engine mount bracket	5L3Z-6038-AC
Frame-to-mount nut (M14)	W710384-S441
Plate (right side mount-to-frame)	5L3Z-6P018-AA
Bracket-to-engine block bolt	W706698-S438
Bolt and washer (M12)	W711282-S439
Left engine mount (AUTOMATIC)	5L3Z-6038-JA
Left engine mount (MANUAL)	5L3Z-6038-KA
Left engine mount bracket	5L3Z-6031-AB
Thru bolt (M18)	W711403-S439
Bracket-to-engine block bolt	W706698-S438

TB-8989-A

Figure 5 - Article 07-25-13