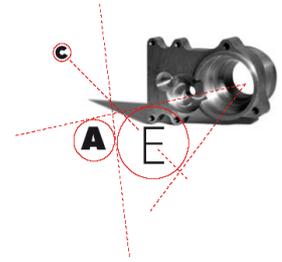


**CAE Performance Products**

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Build Instructions for  
 X/M-FORD XR-XT-XW-XY  
 Crossmember Extensions  
 and  
 CH-EM07  
 Engine mount conversion



## Customer Instructions

**Description:** These instructions describe how to fit the Ford 6cyl out of the late model BA-BF-FG Falcon and the Ford Windsor V8 into the earlier Falcon XR-XT-XW-XY. For the Ford 6cyl BA-BF-FG engine and Transmission you will require the Engine mount crossmember to suit and the rear Conversion Crossmember Extensions. For the Ford V8 EB to AU engine and 4 speed Auto Trans or T5 Manual, you only require the rear Conversion Crossmember Extensions.

	<b>Parts List</b> for CH-EM07
	1 x Engine crossmember conversion bracket
	8 x 0064 12 25 - M12 x 25mm pitch 1.25 - Bolt
	8 x 0368 12 125 M12 pitch 1.25 - Nyloc Nut
	8 x 0407 12 Flat washers
	<b>Parts List</b> for X/M-FORD XR-XT-XW-XY
	1 x Transmission crossmember support extension brackets.
	8 x 0064 12 25 - M12 x 25mm pitch 1.25 - Bolt
	8 x 0368 12 125 M12 pitch 1.25 - Nyloc Nut
	8 x 0407 12 Flat Washers
	<b>Instructions:</b>
1	CAE Performance Products recommends all work be carried out by qualified personal.
2	Assemble front crossmember (CH-EM07) to body with the bolts supplied ready to slide in the Engine and transmission.
3	Note: if using rear support brackets (X/M-FORD XR-XT-XW-XY) follow assembly procedure now.
	<b>Assembling rear crossmember support extension brackets</b>
4	Assembly Rear crossmember support brackets (X/M-FORD XR-XT-XW-XY) to original supports.
5	Line up original cross member holes with the slotted hole in the new supports. Fit bolts supplied loosely.
6	For the Barra engine conversion drill a 13mm hole in the centre of original transmission crossmember to accommodate the rear trans mount. The hole is centred between original holes and centre of the crossmember.
7	Mount the crossmember to the supports using the rear set of holes for 6cyl conversion with bolts supplied as a trial fit. Use the frons set of holes for the V8 Conversion. Remove to fit engine.
8	Move engine into place and loosely fit engine mounts to front engine mount adaptor. Jack up trans and fit rear cross member loosely.
9	When satisfied with engine and trans position go over every bolt and tighten.
10	The Ford V8 EB to AU engine and Trans only require the extension brackets and assembly procedure is the same as above. The only difference is the transmission mounting rubber requires the mounting hole to be drilled forward of the centre of the crossmember (described above in 6) Its position is 10mm +-1mm forward of the centre original holes.
	Filename: FORD XR-XT-XW-XY Conversion Crossmember Customer Instructions.doc

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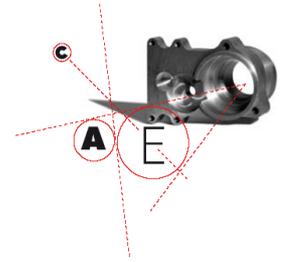
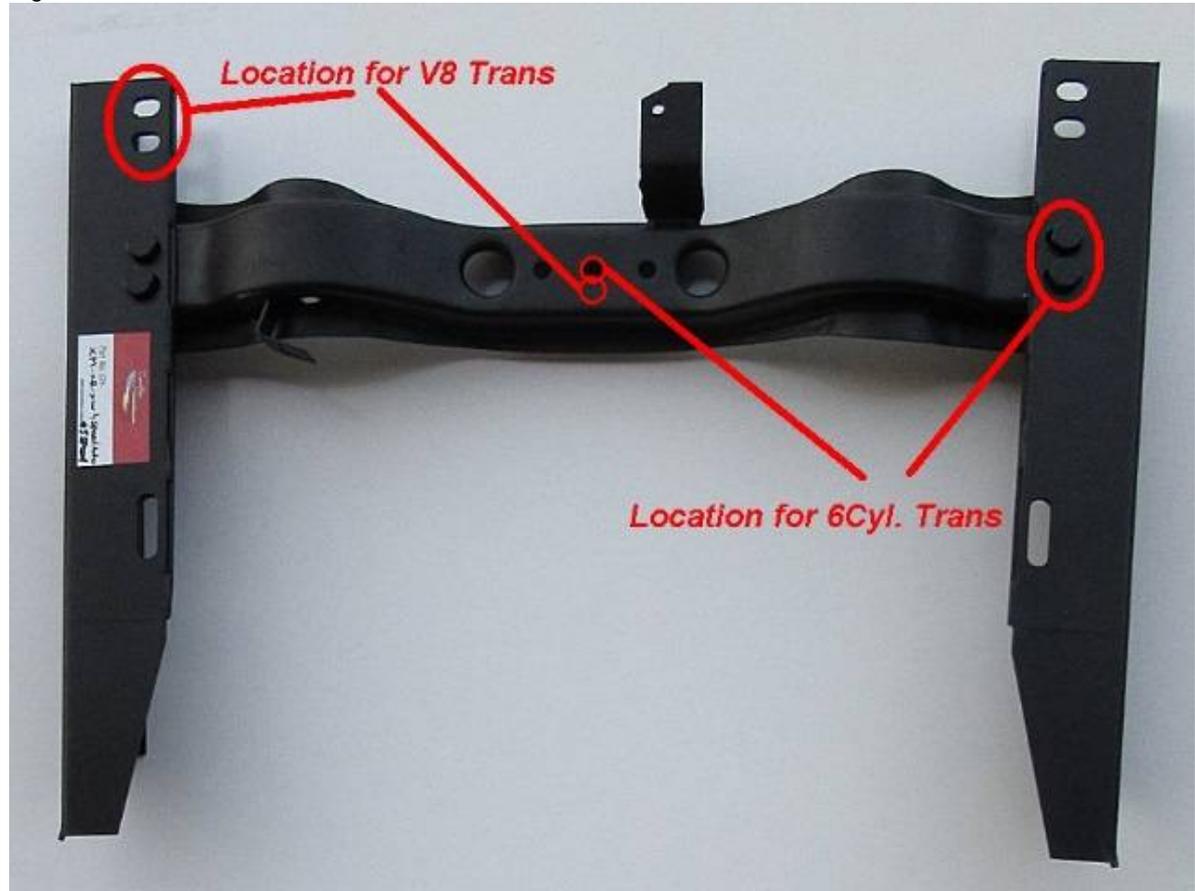


Fig 1



To fit the longer transmissions a hole must be drilled in the centre of the Original rear crossmember as shown in Fig 1.

The hole for the V8 trans is 10mm in front of the original holes and the 6cyl is center, between the original holes.

The V8 transmissions use the back set of holes on the support extensions and the 6cyl use the front set to bolt on the original cross member. There is sufficient movement with the support brackets hole to get good positioning.

The 4 slotted holes (2 on side of supports not seen) are for bolting the extension brackets to the original supports. No drilling necessary.

\* Also available -  
 Engine Mount Rubbers.  
 Strut Tie Bar kit.  
 Optional Speedo Conversion.

EFI Engine loom and Computer Re-Program to suit conversion.  
 Castle Headers, Mandrel bent headers to suit conversion.  
 2 speed wiper motor conversion.