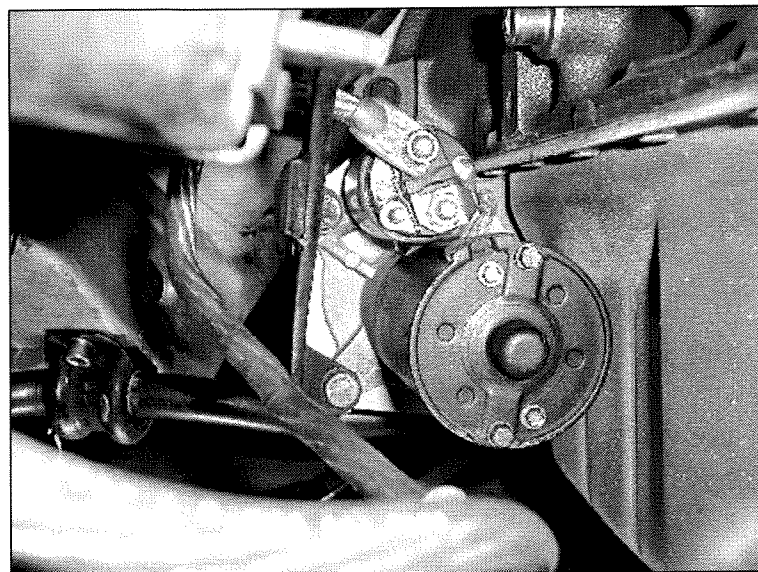
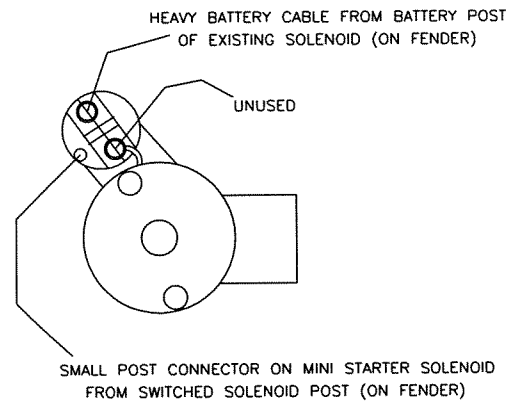


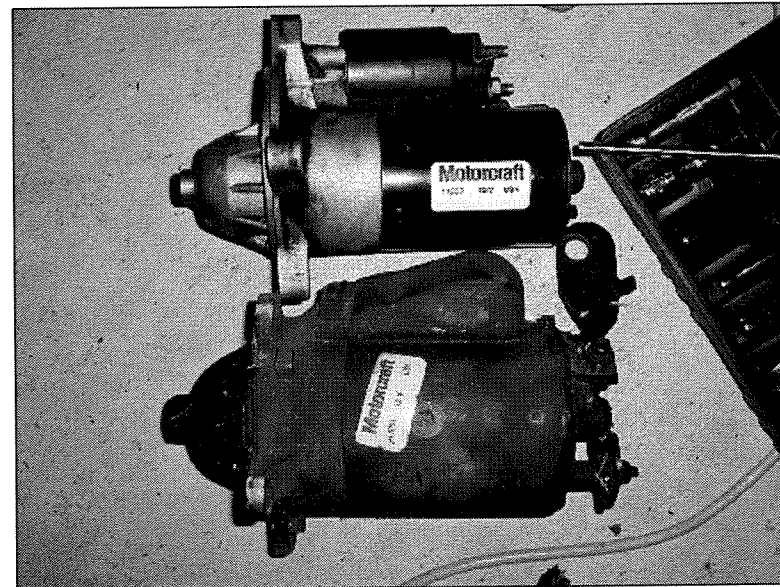
MODIFICATIONS REQUIRED TO UTILIZE THE MINI STARTER IN A MERKUR XR4Ti

WIRING MODS

1. DISCONNECT BATTERY GROUND CABLE (REALLY DO IT THIS TIME !)
2. DISCONNECT WIRING AND REMOVE OLD STARTER
3. MODIFY BRACKET TO FIT MINI STARTER (SEE DETAIL.)
4. BOLT IN THE MINI STARTER AND BRACKET
5. ATTACH HEAVY BATTERY LEAD TO THE UPPER STUD AT STARTER
6. CRIMP AN EYE TERMINAL ONTO ONE END OF A 14 GA. WIRE
7. AT FENDER, MOVE BATTERY CABLE FROM SWITCHED POST TO BATTERY POST ON OLD SOLENOID ON FENDER.
8. RUN 14 GA. WIRE FROM SOLENOID ON FENDER (FIG.3) TO SMALL POST CONNECTOR ON MINI STARTER SOLENOID
9. RE-CONNECT BATTERY



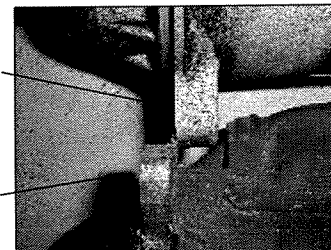
BRACKET MODS



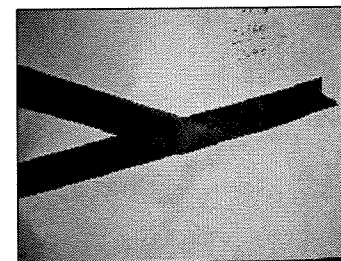
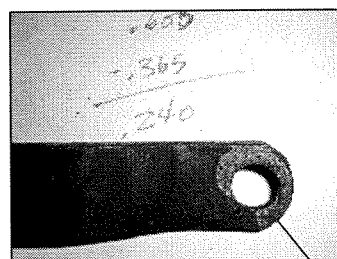
NOTICE THE DIFFERENCE IN MOUNTING EAR THICKNESS

NEW STARTER IS 0.600" THICK

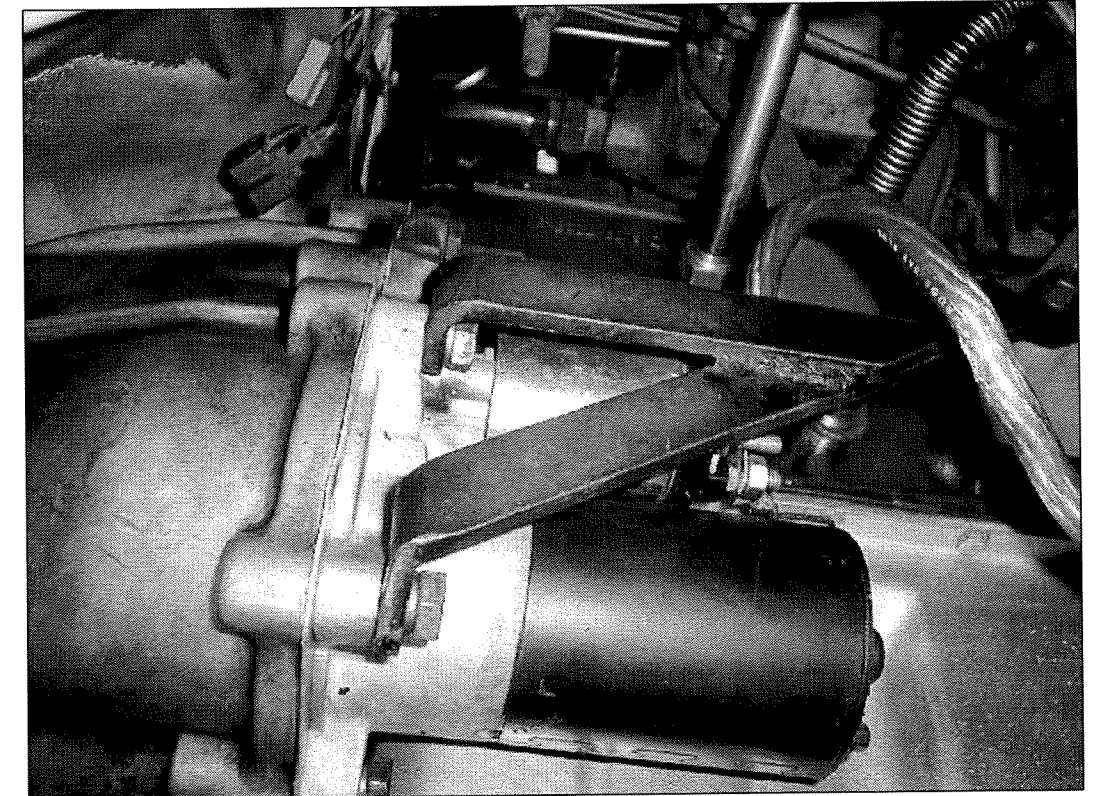
OLD STARTER IS 0.365" THICK



THIS MEANS THE HOLE IN THE SUPPORT BRACE MUST BE SLOTTED OR MOVED OVER BY 0.240"
 THIS MEANS THE HOLE IN THE SUPPORT BRACE MUST BE SLOTTED OR MOVED OVER BY 0.240"
 THE END OF THE BRACKET MUST BE TRIMMED SO IT DOES NOT INTERFERE WITH MOTOR MOUNT ARM.



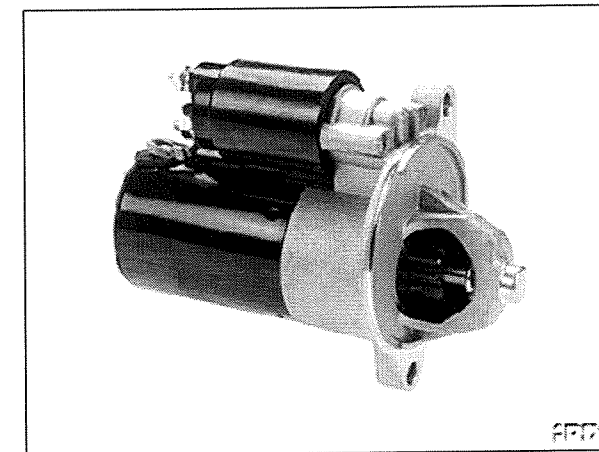
SHADED MATERIAL IS REMOVED



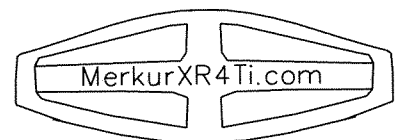
FINISHED INSTALL

LIGHTER WEIGHT
NEWER DESIGN

MORE TORQUE
LESS CURRENT
DRAW.



JOB NO. 0300



REV. MARK	REVISION	BY	CK	APP	DATE	REV. MARK	REVISION	BY	CK	APP	DATE	I	D	ISSUED FOR FABRICATION	DESIGNED	STATUS	PLANT NO.	MERKUR XR4TI.COM			
															RT	4-22-03		TEXAS OPERATIONS SUGAR LAND, TEXAS			
															RT	4-22-03		INSTALLATION OF MINI STARTER INTO MERKUR XR4Ti			
																		CHARGE NUMBER	SCALE	REV.	
																		XXXX	NONE	0	