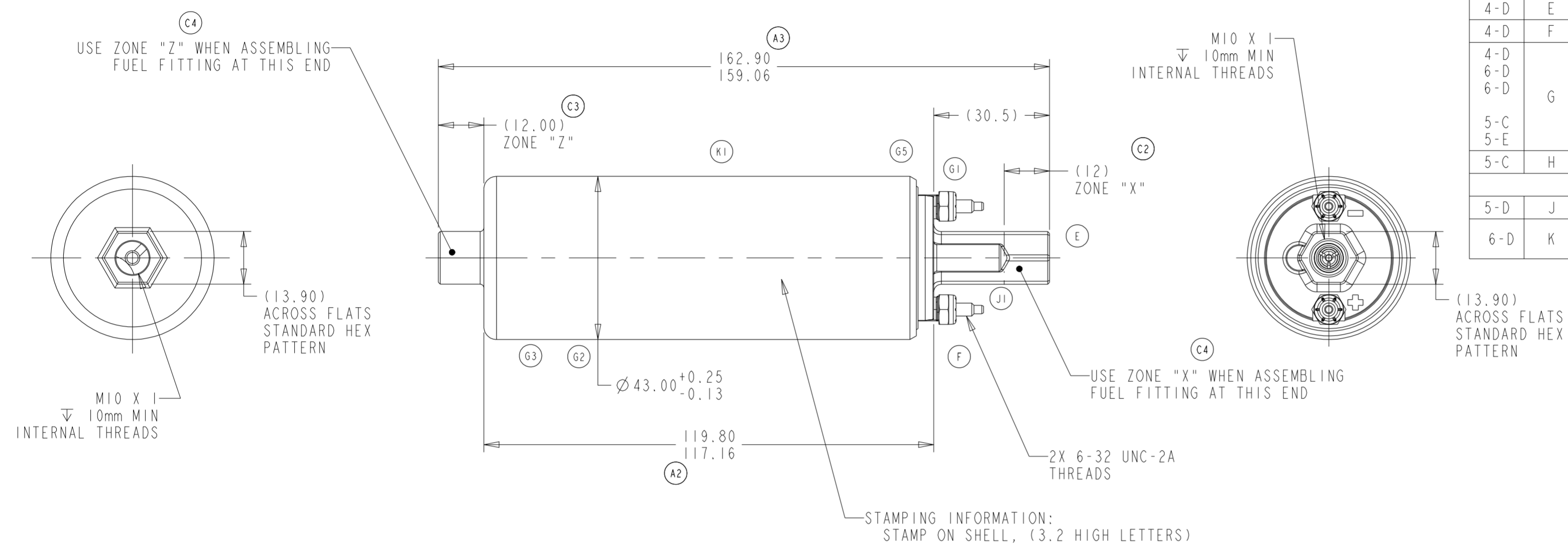
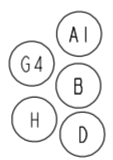


REVISIONS						
ZONE	LTR	DESCRIPTION	CHANGE No	DATE	BY	APPR'D
		RELEASE FOR QUOTE		02NOV98		CJB
		RELEASE FOR PRODUCTION	66281	22APR99	RMB	CJB
5-C		A1 MODIFIED STAMP INFO				
5-C		A2 119.80 WAS 120.22				
	A	117.16 117.44	67363	27FEB01	DRG	MMcK
5-E		A3 162.90 WAS 163.32				
		159.06 159.34				
5-C	B	REVISED STAMPING INFO LOGO	67541	16JUL01	RMB	MMcK
8-B		C1 ADDED NOTE 4				
4-E		C2 ADDED DIMENSION				
6-E		C3 ADDED ZONE TO DIMENSION	67917	08ARP02	RMB	MMcK
4D,7E	C	C4 ADDED ZONE NOTES TO BOTH HEX ENDS				
4-B	D	REMOVED PATENT NUMBERS	71352	07MAY08	DRG	BLM
4-D	E	1080546 WAS 1080542	C'948	19AUG11	WDE	MMcK
4-D	F	000107170 NUT WAS 1340091	C'1474	18SEP12	WDE	MMcK
4-D		G1 000113267 WAS 000107170	77958			
6-D		G2 000103156 WAS 0160586	77961			
6-D	G	G3 000107879 WAS 1810643 & 108-208 WAS 108-209	78384	12MAY16	SLK	MMcK MAS
5-C		G4 UPDATED SHELL STAMP LOGO	C'3614			
5-E		G5 000005875 WAS 1080540	78761			
5-C	H	ADD W666E TO STAMPING INFO	C'5018	15JAN18	RMB	BLM
*** LETTER "I" NOT USED ***						
5-D	J	J1 000103154 WAS 1080546	79971	13JUL18	SLK	TLH
6-D	K	K1 DBTC0031 MAGNETS WERE 184-31	83524	25JAN23	JTK	MLM




 GSL391  
 20AMP FUSE REQUIRED  
 (JULIAN DATE MFG) MADE IN USA

NOTES:

- PUMPS SHALL POSSESS IDENTIFICATION MARK TO SIGNIFY PASSING AIR LEAK TEST
- ORIENTATION OF OUTLET FITTING TO INLET FITTING WILL BE RANDOM
- PUMPS SHALL BE SUITABLY PACKAGED TO PREVENT CONTAMINATION WITH FOREIGN MATERIAL
- ASSEMBLY NOTE:

FITTING AND WIRE HARNESS TO BE ASSEMBLED BY THE CUSTOMER AS PER THE FOLLOWING:

DO NOT HOLD PUMP ON THE  $\varnothing 43\text{mm}$  WHEN TORQUING FITTINGS

TO INSTALL FUEL FITTINGS ON BOTH ENDS OF THE PUMP, PLACE A WRENCH IN THE 12mm ZONE ON THE HEX ON THE END OF THE PUMP WHERE FITTING IS BEING INSTALLED. COPPER WASHER AND FITTING ARE INSTALLED TOGETHER. USING ANOTHER WRENCH, TORQUE FITTING TO  $200 \pm 10$  IN-LB


WIRE HARNESS INSTALLATION REQUIRES TWO WRENCHES. PLACE FIRST WRENCH ON PRE-INSTALLED HEX NUT. THEN PLACE RING TERMINAL, LOCK WASHER AND SECOND HEX NUT ON TERMINAL POST. USING SECOND WRENCH, TORQUE NUT TO  $10 \pm 1$  IN-LB


KEY PRODUCT CHARACTERISTICS			
REFER TO TI AUTOMOTIVE GLOBAL ADVANCED QUALITY PLANNING DOCUMENT CW-4-ALL-411 FOR THE CLASSIFICATION AND CONTROL OF KEY PRODUCT CHARACTERISTICS			
TYPE OF CHARACTERISTIC	SAFETY	REGULATORY	FUNCTION / FUNCTION PROCESS
	SC	SC	SC
NUMBER PER EACH CHARACTERISTIC			
TOTAL NUMBER OF CHARACTERISTICS			

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METRIC  
ALL DIMENSIONS ARE IN MILLIMETERS

DO NOT SCALE  
DECIMAL TOLERANCES UNLESS OTHERWISE SPECIFIED  
ONE PLACE  $\pm 0.25$  TWO PLACE  $\pm 0.13$  ANGLES  $\pm 1^\circ$


 THIRD ANGLE PROJECTION  
 DIMENSIONS IN ACCORDANCE WITH ASME Y14.5 - 2009


 630 COLUMBIA ST.  
 CARO, MI 48723  
 +1 989.673.7727

ENGINEER:	C.BUMHOFFER	22MARI999	MATERIAL/SPECIFICATION:
DESIGNER:	D.GILBERT	22MARI999	
CAD SYSTEM:	PRO/E	SCALE: 1:1	SHEET NO.   OF
REFERENCE ID/REV.:	HJPS0371AF		2D PLM REFERENCE/REV.: AR0006009/AG
REFERENCE ID/REV.:	000101862/AF		3D PLM REFERENCE/REV.: 000008529/AH
DRAWING NAME: FUEL PUMP OUTLINE			
SIZE:	A2	DRAWING NUMBER:	GSL391