



ITEM NUMBER	4953706
OPTION LIST	
AC9140	
BR9197	
DA9149	
DF9122	
EE9177	
EH9434	
EM9228	
FF9475	
FH9349	
FS9787	
FW9520	
HX9114	
LF9093	
LG9826	
OC9057	
OP9351	
RG9326	
SA9063	
ST9285	
SW9049	
TB9882	
VB9022	
VC9156	
WP9915	
XS9372	

REVISIONS			
ZONE	REV	DESCRIPTION	APP'D
00	RELEASED		

ENGINE SERVICE TEST PORTS/INSTALLATION CONNECTIONS					
1	AUXILIARY HEATER RETURN:	3/4 NPT	17 FUEL INLET CONNECTION	7/8-14 UN, 45° FLARE (SAE #10)	
2	AUXILIARY HEATER SUPPLY:	3/4 NPT w/ ORIFICE	18	GEAR OIL COOLER DRAIN:	3/8 NPT
3	BATTERY CONNECTION (STARTER) (+):	M12 X 1.75	19	GEAR OIL COOLER INLET AND OUTLET:	1/2 NPT
4	BATTERY CONNECTION (STARTER) (-):	M12 X 1.75	20	OIL HEATER CONNECTION:	M22 X 1.5
5	BATTERY CONNECTION (ECM) (+):	1/4-20 UN	21	SEA WATER INLET:	Ø63.5 [2.50]
6	BATTERY CONNECTION (ECM) (-):	1/4-20 UN	22	SEA WATER OUTLET:	Ø50.8 [2.00]
7	COOLANT FILL:	Ø30 [1.18]	23	SHAFT LOG SEA WATER SUPPLY:	1/4 NPT
8	COOLANT RECOVERY/OVERFLOW CONNECTION:	Ø8.39 [1.33]	24	ZINC ANODE:	4X 1/2 NPT, 2X 3/8 NPT
9	ENGINE OIL DRAIN FRONT:	M18 X 1.5			
10	ENGINE OIL DRAIN REAR:	9/16-18 UN			
11	ENGINE OIL FILL:	Ø38 [1.5]			
12	EXHAUST OUTLET CONNECTION (ELBOW):	Ø152.4 [6.00] O.D.			
13	EXHAUST OUTLET CONNECTION (TURBO):	Ø66 [2.60] I.D.			
14	EXHAUST TEMPERATURE/BACK PRESSURE:	1/8 NPT			
15	FRONT ENGINE SUPPORT:	2X Ø28 [1.1] X 48 [1.9] SLOT			
16	FUEL RETURN TO TANK CONNECTION:	3/4-16 UN, 45° FLARE (SAE #8)			

PRODUCT GRAPHICS FILE
NO ORIGINAL DRAWING EXISTS FOR THIS ITEM. THE ENGINEERING GRAPHICS DATA FOR THIS ITEM RESIDES IN THE PRODUCT GRAPHICS FILE AND IS CONTROLLED BY THE AGENCY DESIGNATED AS HAVING ITEM CONTROL.

LAST SECTION LETTER USED:	NA	REF. DRAWING STANDARDS:	ANSI Y14.5M ISO 81101	ITEM NAME:	QSC 8.3-HX W/ MG5065 SAE2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: MILLIMETERS () ARE IN: INCHES		IDENTIFIER:	J	SIZE CODE (IDENT. NO.):	4953706
DWN:	D. SOMVIN	APPD:	UNCHECKED	SCALE:	2:1
ITEM CONTROL:	MCS	SHEET 1 OF 1			

DO NOT SCALE THIS DRAWING
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