



ITEM NUMBER	4953893
OPTIONS LIST	
AC9197	
BR9188	
EM9280	
FF90030	
FH9446	
FS90026	
FW9324	
HD9324	
HX9134	
LA9189	
LF9188	
LG90135	
OC9058	
OP9464	
PH9233	
RD9036	
RE9078	
RG9511	
SA9078	
ST9322	
SW9073	
TB91783	
VB9048	
WI9215	

REVISIONS			
ZONE	REV	DESCRIPTION	APP'D
02		QSB 5.9 480HP W/ NXT DRIVE	

*NOTE: DIMENSION SHOWN WITH MAXIMUM TRANSOM DISTANCE.

ENGINE SERVICE TEST PORTS/INSTALLATION CONNECTIONS

① AUXILIARY HEATER RETURN:	N/A	⑩ ENGINE OIL FILL:	∅ 34.5 [1.36]	⑲ GEAR OIL COOLER INLET:	1/2-14 NPT
② AUXILIARY HEATER SUPPLY:	N/A	⑪ EXHAUST OUTLET CONNECTION (ELBOW):	N/A	⑳ GEAR OIL COOLER OUTLET:	1/2-14 NPT
③ BATTERY CONNECTION (STARTER) (+):	M10 X 1.5	⑫ EXHAUST OUTLET CONNECTION (TURBO):	4X M8 X 1.25∇17.8	㉑ OIL HEATER CONNECTION:	M22 X 1.5
④ BATTERY CONNECTION (STARTER) (-):	M10 X 1.5	⑬ EXHAUST TEMP./BACK PRESSURE TEST PORT:	N/A	㉒ SEA WATER INLET:	∅ 50.8 [2.00] O.D.
⑤ BATTERY CONNECTION (ECM) (+):	(4) PIN DEUTSCH	⑭ FUEL INLET CONNECTION:	3/4-16 (37°-#8)	㉓ SEA WATER INLET TEST PORT:	1/4-18 NPT
⑥ BATTERY CONNECTION (ECM) (-):	(4) PIN DEUTSCH	⑮ FUEL INLET TEST PORT:	M10 X 1	㉔ SEA WATER OUTLET:	∅ 38.1 [1.50] O.D.
⑦ COOLANT FILL:	∅ 30 [1.18]	⑯ FUEL RETURN TO TANK CONNECTION:	3/8-18 NPT	㉕ SEA WATER OUTLET TEST PORT:	1/4-18 NPT
⑧ COOLANT RECOVERY/OVERFLOW CONN.:	∅ 9.5 [1.38]	⑰ FUEL RETURN TEST PORT:	1/4-18 NPT	⑳ SHAFT LOG SEA WATER SUPPLY:	2X 1/8-27 NPT (TOP)
⑨ ENGINE OIL DRAIN:	2X M18 X 1.5	⑱ GEAR OIL COOLER DRAIN:	2X 1/8-27 NPT (BOTTOM)	㉖ ZINC ANODE:	4X 1/2-14 NPT

NOTE: DUE TO OPTION DIFFERENCES, CG DATA IS APPROXIMATE.

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:	
REF. DRAWING STANDARDS:	ANSI Y14.5M ISO 81101
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: MILLIMETERS () ARE IN: INCHES	
DWN	D. SOMVIN
CHD	UNCHECKED
APPD	
APPD	
ITEM NAME	QSB 5.9 480HP W/ NXT DRIVE
IDENTIFIER	INSTALLATION DIAGRAM
SIZE CODE (IDENT. NO.)	J
ITEM NUMBER	4953893
SCALE	N/A
ITEM CONTROL	MCS
SHEET 1 OF 1	

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