



POS	DESCRIPTION	X	Y	Z	NOTE
A	COOLANT FROM ENGINE HEATER	996	390	-148	PPE CONNECTION TO RH n 22
B	COOLANT TO ENGINE HEATER	278	210	-148	M22x1.5
C	CHARGE AIR FROM CAC	-177	805	330	n 100
D	LIFTING EYE FRONT	-55	714	-60	
E	COOLANT DRAIN COOK	226	210	-203	M22x1.5
F	OIL DIP STICK	295	136	374	
G	FUEL INLET	275	367	221	n 9.5
H	FUEL INLET OPTIONAL				3/8" NPSF
I	FUEL RETURN	480	64	365	n 4.35
J	FUEL RETURN OPTIONAL				1/4" NPSF
K	AIR INTAKE	881	372	-363	n 106
L	EXHAUST OUTLET	501	380	-365	V-CLAMP n 122
M	COOLANT INLET	-83	-297	-207	n 60
N	OIL FILLER CAP	209	146	342	
O	OIL PRESSURE SENSOR	804	293	102	EMS
P	COOLANT TEMP SENSOR	103	529	-211	EMS
Q	OPTIONAL SPEED SENSOR	1290	186	237	M18x1.5 GEAR RATIO 11 63 TEETH
R	FROM EXPANSION TANK	145	176	-266	n 28
S	CHARGE AIR TO CAC	838	-23	-442	n 90
T	AIR FILTER INDICATOR				
U	OIL DRAIN PLUG	53	-512	-54	M24x1.5
V	OIL TEMP SENSOR	388	-171	189	EMS
W	CRANK CASE VENTILATION	944	-190	290	n 38
X	OIL TO AIR COMPRESSION	841	203	119	M12x1.5
Y	CONTROL UNIT				
Z	AIR COMPRESSOR PTO	169	181	205	
AA	AIR VENT HOSE n 9.5 TO BE CONNECTED TO EXP. TANK	83	549	-245	M12x1.5
BB	COOLANT LEVEL SENSOR				FOR VOLVO PENTA EXPANSION TANK.
CC	AUX. STOP	627	426	250	
DD	LIFTING EYE REAR	1211	714	60	
EE	COOLANT TO COMPRESSOR	988	340	-148	n 30
FF	COOLANT FROM COMPRESSOR	110	220	-202	M22 x 1.5
GG	COOLANT FROM COMPRESSOR	557	220	-12	
TP	CENTRE OF GRAVITY				

SCALE 1:5

ENGINE DIMENSIONS  
 TADPO 9E-B, TAD16S1 VE  
 DIMENSION DRAWING  
 2244-1956  
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