



POS	DESCRIPTION	X	Y	Z	NOTE
A	SENSOR AMBIENT TEMP	1465	199	-355	
B	SENSOR EXP TANK	-417	858	-106	
C	CHARGE AIR FROM LAC	-136	693	358	n. 88
D	COOLANT DRAIN COOK	361	170	255	M22x1.5
E	OIL DIP STICK	192	-65	319	n. 186
F	FUEL INLET	335	273	204	n. 9.5
G	FUEL INLET OPTIONAL				3/8" NPSF
H	FUEL RETURN	355	8	318	n. 6.35
I	FUEL RETURN OPTIONAL				1/4" NPSF
J	AIR INTAKE	695	390	-354	n. 186
K	EXHAUST OUTLET	363	390	-354	V-CLAMP n. 122
L	COOLANT INLET	152	-195	-256	n. 68
N	COOLANT OUTLET	-169	558	-227	n. 68
M	OIL FILLER CAP	-129	84	386	
O	OIL PRESSURE SENSOR	74	388	-155	EMS
P	COOLANT TEMP SENSOR	984	291.5	-325	EMS
Q	LIFTING EYE	984	271.5	278.2	
R	FROM EXPANSION TANK	-106	676	-276	n. 22
D	CHARGE AIR TO CAC	550	51	-474	n. 90
S	AIR FILTER INDICATOR				
T	OIL DRAIN PLUG	378	-420	-73	M24x1.5
U	OIL TEMP SENSOR	716	-166	180	EMS
V	CRANK CASE VENTILATION	218	-219	269	n. 32.5
W	OIL TO AIR COMPRESSION	892	297	138	M12x1.5
X	CONTROL UNIT	430	195	168	
Z	LIFTING EYE	-60	577	-60	
Z	AIR VENT - n. 95 TO BE CONNECTED TO EXP. TANK	76	521	-255	
AA	COOLANT LEVEL SENSOR				FOR VOLVO PENTA EXPANSION TANK
BB	AUX REMOTE STOP DIAGNOSIS AND ENGINE INTERFACE	519	383	290	
CC	AUX STOP	430	366	289	
DD	COOLANT OUTLET (eng heat 2000W)	747	246	-143	F16-MH3.5
EE	COOLANT OUTLET (eng heat 2000W return)	131	44	-354	F16-MH3.5
FF	COOLANT INLET (UREA)	-266	239	-178	F10-MH9.5
GG	COOLANT INLET (UREA return)	208	-24	-347	F10-MH9.5
HH	COOLANT OUTLET (compressor)	-35	512	111	F16-MH3.5
II	COOLANT INLET (compressor return)	42	247	-395	F16-MH3.5
JJ	COOLANT INLET (cab heat)	50	459	-368	F16-MH3.5
TP	TRENTRE OF GRAVITY	526	xxx	-18	
TP	TRENTRE OF GRAVITY	526	96	-18	

SCALE 1:5

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VOLVO PENTA

INSTALLATION DRAWING
 D111HD

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