



	X	Y	Z
A1 FUEL CONNECTION INLET. 550mm HOSE WITH 24° TAPERED CONNECTION WITH SWIVEL FITTING. ACC TO DIN 20078 - 9,5mm(3/8" I M18x1,5 12mm (INTERNAL THREAD)	-530	-235	-50
A2 FUEL CONNECTION OUTLET. 550mm HOSE WITH 24° TAPERED CONNECTION WITH SWIVEL FITTING. ACC TO DIN 20078 - 9,5mm(3/8" I M18x1,5 12mm (INTERNAL THREAD)	-570	-235	-50
A3 FUEL FILTER			
A4 SEA WATER PUMP			
A5 HAND PUMP			
B2 OIL FILTER			
B3 OIL DIPSTICK ENGINE			
B4 OUTLET FOR OIL BILGE PUMP .12mm / 1/2 ID . HOSE PORT ALT. STARBOARD			
B5 OIL DIPSTICK ENGINE(OPTION)			
B6 OIL COOL INLET	-520	-190	115
B7 OIL COOL OUTLET	-570	-175	180
C1 FRESH WATER FILLER (EXPANSION TANK)			
C2 FRESH WATER DRAIN POINT			
C3 CONNECTION HOT WATER INLET R 1/2" (OPTION)	-955	-465	25
C4 CONNECTION HOT WATER OUTLET R 1/2" (OPTION)	-1055	-505	220
D1 SEA WATER INLET FOR Ø52mm/2" ID HOSE.CAN BE TURNED 360° (ID Ø44)			
D2 SEA WATER DRAIN POINT (2x)			
D3 WET EXHAUST CONNECTION Ø152mm/6" ID HOSE			
E1 CONNECTION BATTERY POS. +	-460	260	15
E2 CONNECTION BATTERY NEG-	-380	305	60
E3 ECU CONTROL UNIT			
E4 AUXILIARY STOP			
E5 DATALINK			
E6 SENSORS			
E7 AUX			
E8 AUX			
E9 DIAGNOSE 1			
F1 AIR FILTER			
G1 ELASTIC SUSPENSION (2x)			
G2 LIFTING EYE (3x)			
G3 ENGINE BRACKET (2X)			
H1 DIAGNOSE 2	165	90	555
H2 CONN. A	165	-30	500
H3 CONN. B	180	-35	565
H4 RELAY			
H5 EATS N/A			
K1 TURBO FLANGE			
L1 COOLANT INLET	-1100	-84	505
L2 COOLANT OUTLET	-1005	-280	135
M1 TEMPARATURE SENSOR, EXHAUST RISER	75	310	560
M2 TEMPARATURE SENSOR, RISER OUTLET	-25	415	510
M3 OIL DRAIN TRANSMISSION	295	55	-245
M4 EMERGERNCY SHIFTING			
M5 OIL INLET ON OIL COOLER (ISO-G 1/2)	-160	-430	200
M6 OIL OUTLET ON OIL COOLER (ISO-G 1/2)	-75	-400	150
M7 OIL FILL TRANSMISSION			
M8 OIL DIPSTICK TRANSMISSION			

SCALE 1:5

The copying, distribution and utilization of this document as well as the completion of its contents is strictly prohibited without the express written permission of Volvo Penta. In the event of a patent dispute, Volvo Penta shall be held liable for any damages.

Document title: ENGINE DRAWING
 IB ZF286

Document type: DIMENSION DRAWING

Document No: 24140526 Issue index: 01 Sheet No: 1(1)

VOLVO PENTA