



TENNANT PART NO. 371790

1.6L INDUSTRIAL ENGINE SERVICE MANUAL



Verice 1600
2003 1.6L I4
Industrial Engine



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Section 0

General Information

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Fastener Notice

NOTICE: Always use the correct fastener in the proper location. When you replace a fastener, use ONLY the exact part number of that application.

UNLESS OTHERWISE SPECIFIED, Do Not use supplemental coatings (paints, greases or other corrosion inhibitors) on threaded fasteners or fastener joint interfaces. Generally, such coating adversely affect the fastener torque and the joint clamping force, and may damage the fastener.

When you install fasteners, use the correct tightening sequence and specifications.

Following these instructions can help you avoid damage to parts and systems.

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General Information - 1.6L

Conversion - English/Metric

English	Multiply / Divide by	Metric
Length		
in	25.4	mm
ft	0.3048	m
yd	0.9144	m
mi	1.609	km
Area		
sq in	645.2	sq mm
sq in	6.45	sq cm
sq ft	0.0929	sq m
sq yd	0.8361	sq m
Volume		
cu in	16,387.0	cu mm
cu in	16.397	cu cm
cu in	0.0164	L
qt	0.9464	L
gal	3.7854	L
cu yd	0.746	cu m
Mass		
lb	0.4536	kg
ton	907.18	kg
ton	0.907	ton (t)
Force		
kg	9.807	newtons (N)
oz	0.2780	newtons (N)
lb	4.448	newtons (N)
Acceleration		
ft/s ²	0.3048	m/s ²
in/s ²	0.0254	m/s ²
Torque		
lb in	0.11296	N•m
lb ft	1.3558	N•m
Power		
hp	0.745	kW
Pressure (Stress)		
inches of H ₂ O	0.2491	kPa
lb/sq in	6.895	kPa
Energy (Work)		
Btu	1055.0	J (J= one Ws)
lb ft	1.3558	J (J= one Ws)
kW hour	3,600,000.0	J (J= one Ws)
Light		
Foot Candle	10.764	lm/m ²

Conversion - English/Metric (cont'd)

English	Multiply / Divide by	Metric
Velocity		
mph	1.6093	km/h
Temperature		
(°F-32) / 1.8	=	°C
°F	=	(°C X 1.8) + 32
Fuel Performance		
232.215/mpg	=	L/100 km

Equivalents - Decimal and Metric

Fraction (in)	Decimal (in)	Metric (mm)
1/64	0.015625	0.39688
1/32	0.03125	0.79375
3/64	0.046875	1.19062
1/16	0.0625	1.5875
5/64	0.078125	1.98437
3/32	0.09375	2.38125
7/64	0.109375	2.77812
1/8	0.125	3.175
9/64	0.140625	3.57187
5/32	0.15625	3.96875
11/64	0.171875	4.36562
3/16	0.1875	4.7625
13/64	0.203125	5.15937
7/32	0.21875	5.55625
15/64	0.234375	5.95312
1/4	0.25	6.35
17/64	0.265625	6.74687
9/32	0.28125	7.14375
19/64	0.296875	7.54062
5/16	0.3125	7.9375
21/64	0.328125	8.33437
11/32	0.34375	8.73125
23/64	0.359375	9.12812
3/8	0.375	9.525
25/64	0.390625	9.92187
13/32	0.40625	10.31875
27/64	0.421875	10.71562
7/16	0.4375	11.1125
29/64	0.453125	11.50937
15/32	0.46875	11.90625
31/64	0.484375	12.30312
1/2	0.5	12.7

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