

# Attachment Illustrated Parts List



## Attachment

Mfg. No.	Description
7063344	Vacuum Hose Kit, Leaf Blower

## **Simplicity**

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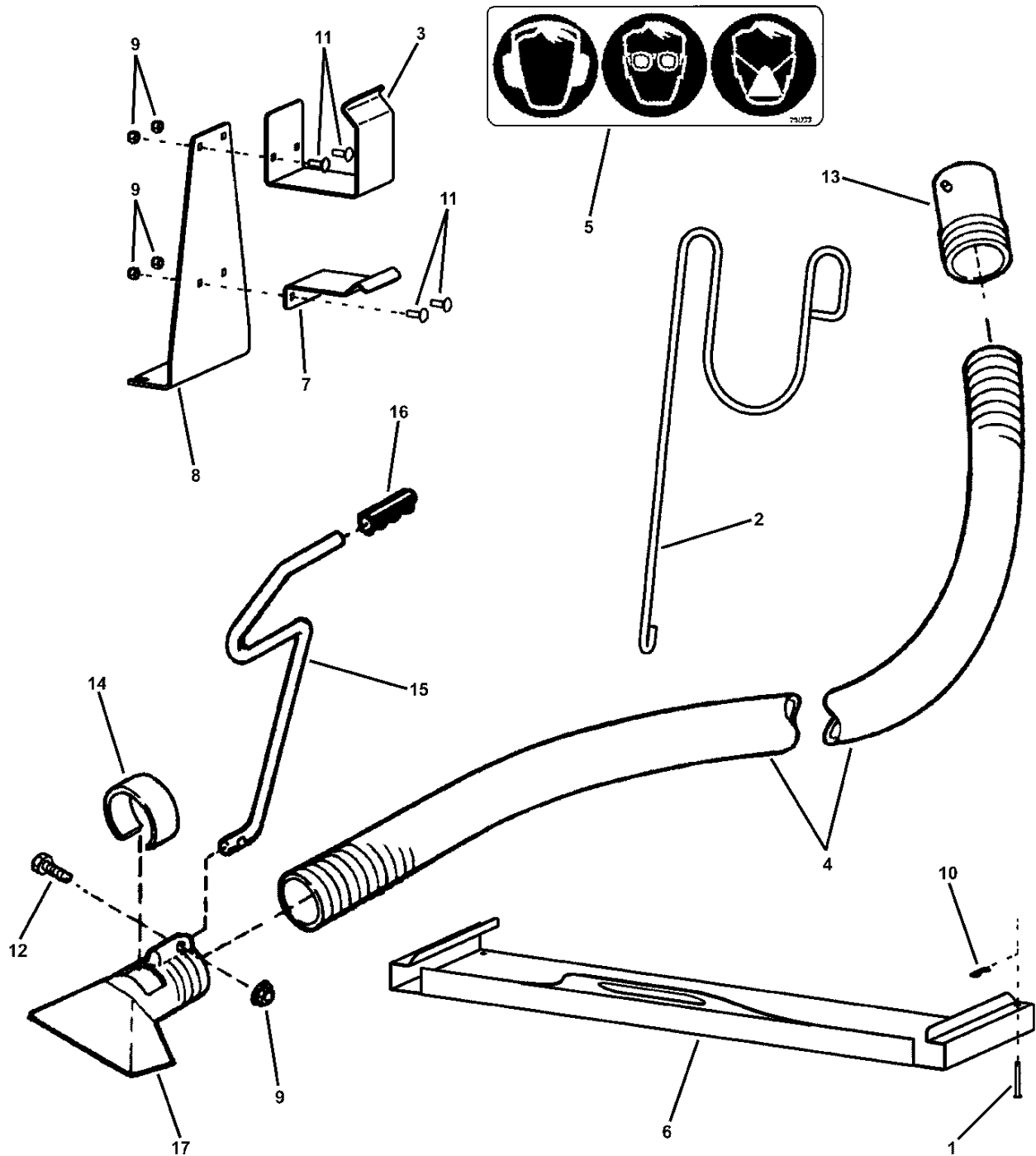
Rev. 04/2004

TP 400-4084-00-AT-SMA

## Illustrated Parts List

74\63344kit

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:

7063344 - Vacuum Hose Kit

## **Illustrated Parts List**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	7023645	2	PIN, 3/16 x 1-1/2 Clevis
2	7072434	1	ROD, Hose/Handle Holder
3	7072435	1	BRACKET, Upper Hose Clamp
4	7072436	1	HOSE, 8 inch Diameter x 8 feet Long
5	7075893	1	DECAL, Personal Protection
6	7075957	1	BRACKET, Inlet Shutoff
7	7075958	1	BRACKET, Lower Hose Clamp
8	7075959	1	BRACKET, Hose Clamp Support
9	7076978	5	NUT, 1/4-20 Hex Nyloc
10	7091310	2	HAIR PIN, #13
11	7091776	4	CARRIAGE BOLT, 1/4-20 x 3/4, GR5
12	7091814	1	CAPSCREW, 1/4-20 x 1-1/4 Hex Head
13	1023100	1	COUPLER, Hose (Plastic)
14	1024100	1	RING, Shut Off (Plastic)
15	1026100	1	HANDLE
16	1028100	1	GRIP, Handle (Black Vinyl)
17	1030100	1	NOZZLE, Vacuum (Plastic)

## **Footnotes**

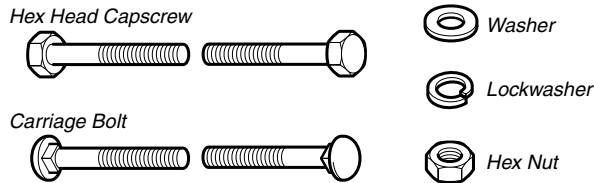
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**The above parts group applies to the following Mfg. Nos.:**

7063344 - Vacuum Hose Kit

# Hardware Identification & Torque Specifications

## Common Hardware Types

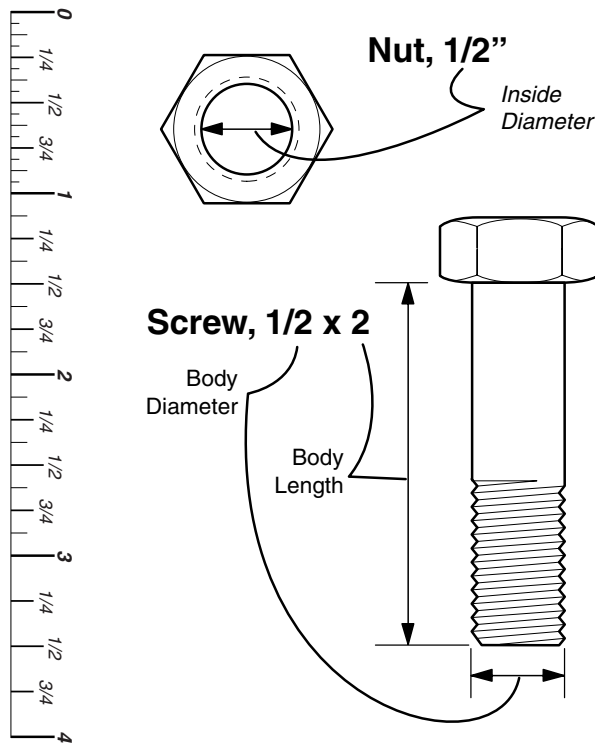


## Standard Hardware Sizing

When a washer or nut is identified as 1/2", this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as 1/2 - 16 x 2", this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

**The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.**



## Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance  $\pm 20\%$ )

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

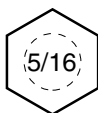
### NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

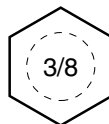
## Wrench & Fastener Size Guide



1/4" Bolt or Nut  
Wrench—7/16"



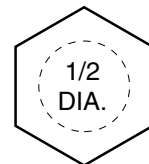
5/16" Bolt or Nut  
Wrench—1/2"



3/8" Bolt or Nut  
Wrench—9/16"



7/16" Bolt or Nut  
Wrench (Bolt)—5/8"  
Wrench (Nut)—11/16"



1/2" Bolt or Nut  
Wrench—3/4"

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