

Attachment Illustrated Parts List



MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO ALLIS

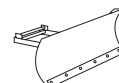
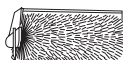
Simplicity
MANUFACTURING, INC.

500 N Spring Street / PO Box 997
Port Washington, WI 53074-0997 USA

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Rev. 8/2000

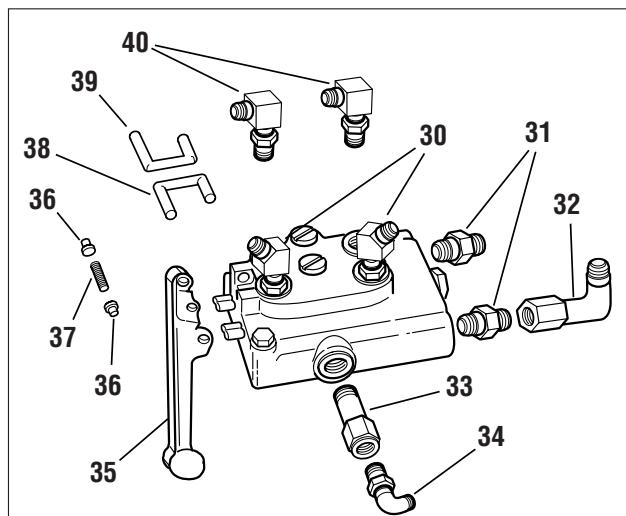
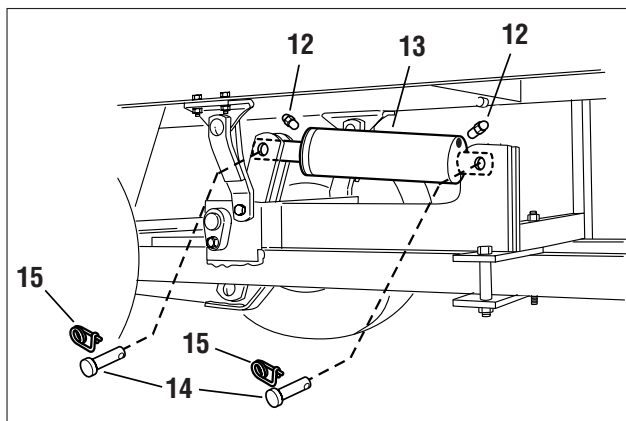
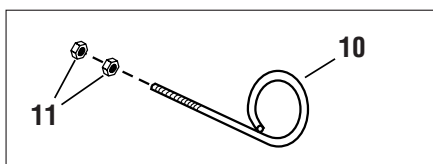
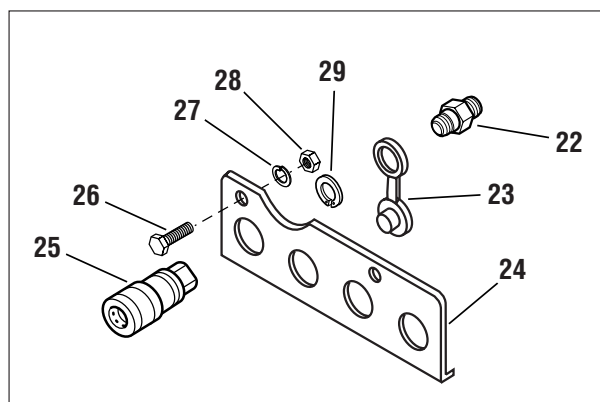
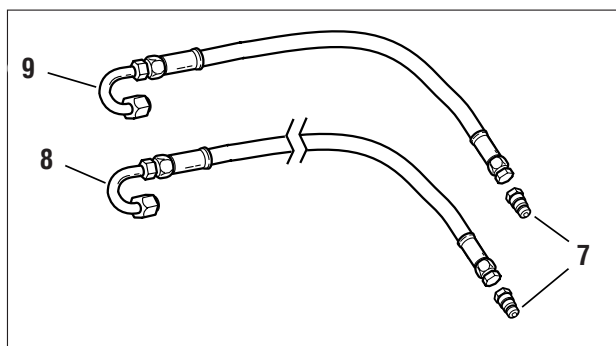
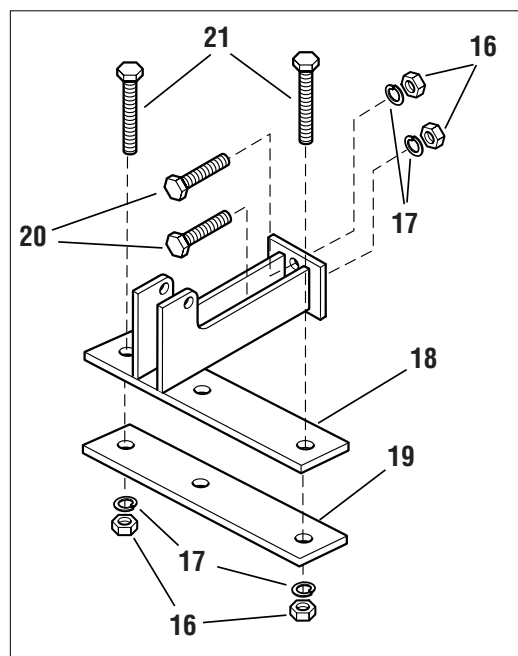
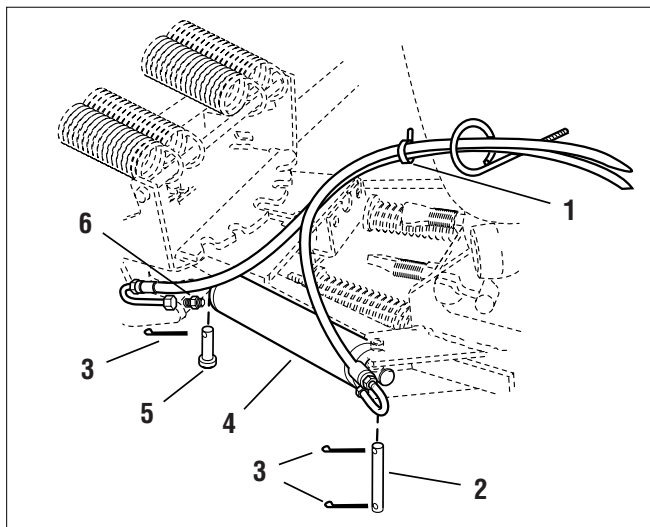
TP 400-2365-00-AT-SMA



Hydraulic Angling & Lift Group 60" Dozer Blade

985457

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



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

1693274 Hydraulic Angling & Lift Kit

Hydraulic Angling & Lift Group 60" Dozer Blade

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1701011	3	TIE, Self Locking
2	1960277	1	PIN, Yoke
3	1918452	3	PIN, Cotter
4	1677214	1	ANGLING CYLINDER ASSEMBLY
5	1700394	1	PIN, Flat Head, 5/8 x 1-5/8
6	919171	2	FITTING
7	173359	4	NOSE PIECE ASSEMBLY
8	1719395	2	HOSE ASSEMBLY
9	1719565	2	HOSE ASSEMBLY
10	1719586	1	HOSE SUPPORT
11	1931277	2	NUT, Hex, 5/16-18
12	919171	4	TUBE FITTING, Male
13	1716944	1	LIFT CYLINDER ASSEMBLY
14	1711773	2	PIN, Clevis
15	176012	2	PIN, Safety
16	1916951	4	NUT, Hex, 1/2-13
17	1916966	4	LOCKWASHER, 1/2
18	1717645	1	SUPPORT ASSEMBLY, Cylinder
19	1717642	1	CLAMP, Plate
20	1920328	2	CAPSCREW, Hex Head, 1/2-13 x 1-1/2
21	1960286	2	CAPSCREW, Hex Head, 1/2-13 x 3-1/2
22	1718436	4	FITTING, Tube Male
23	173360	4	PLUG, Plastic
24	1718987	1	SUPPORT
25	173358	4	COUPLER ASSEMBLY
26	1923341	4	CAPSCREW, Hex Head, 1/4-20 x 3/4
27	1916964	6	LOCKWASHER, 1/4
28	1916622	6	NUT, Hex 1/4-20
29	166017	4	RETAINING RING
30	1719133	2	FITTING, Hose, 45 Degree
31	1718435	2	FITTING, Tube Male
32	1719132	2	FITTING, Elbow, 90 Degree
33	1717647	1	PLUG, Pressure
34	922523	1	FITTING, Elbow, 90 Degree
35	1719224	2	LEVER ASSEMBLY
36	1960140	4	NUT, PUSH
37	916001	2	PIN
38	1719692	1	LINK, L.H.
39	1719218	1	LINK, R.H.
40	1675789	2	FITTING, Elbow
41	1718413	1	HOSE
42	1719564	1	FITTING,"T"
43	960266	4	CLAMP, Hose
44	1926025	4	SCREW, Phillips Head, 1/4-20 x 1/2
45	1719732	1	INSERT, Plastic

Footnotes:

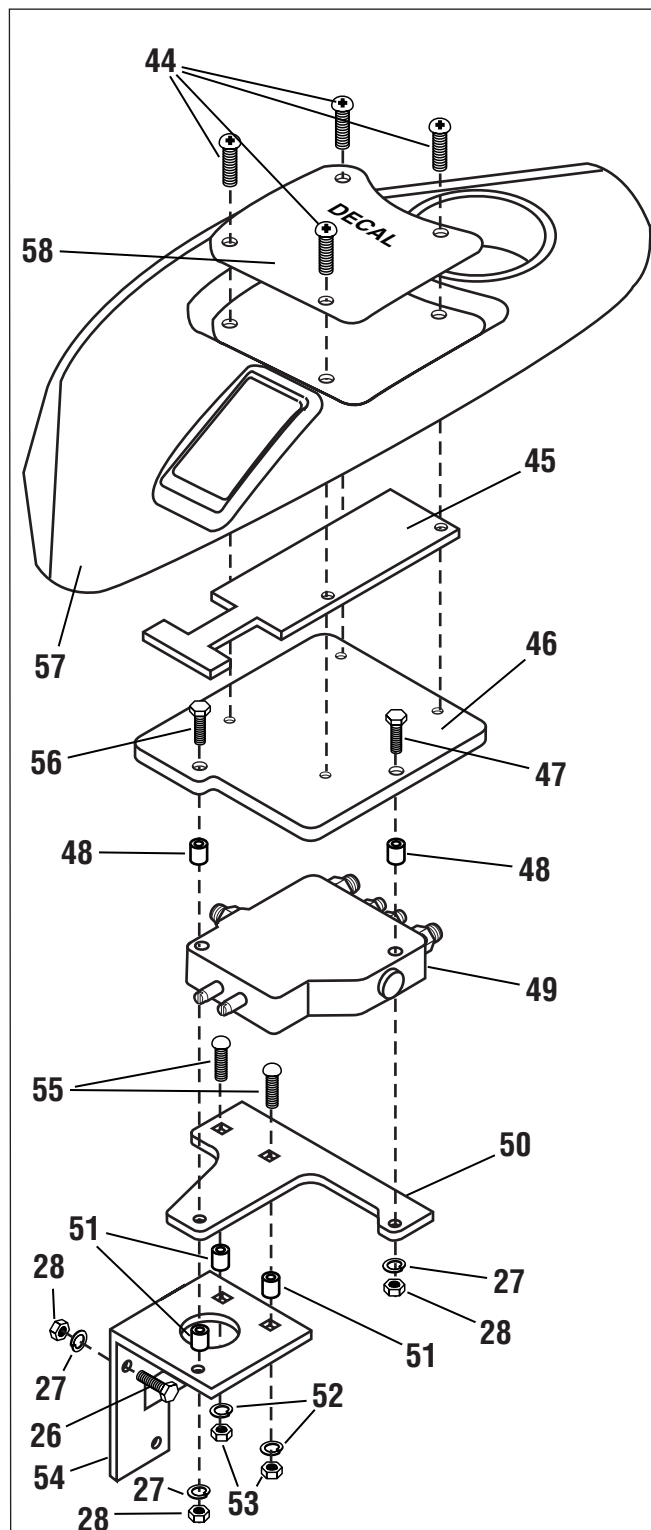
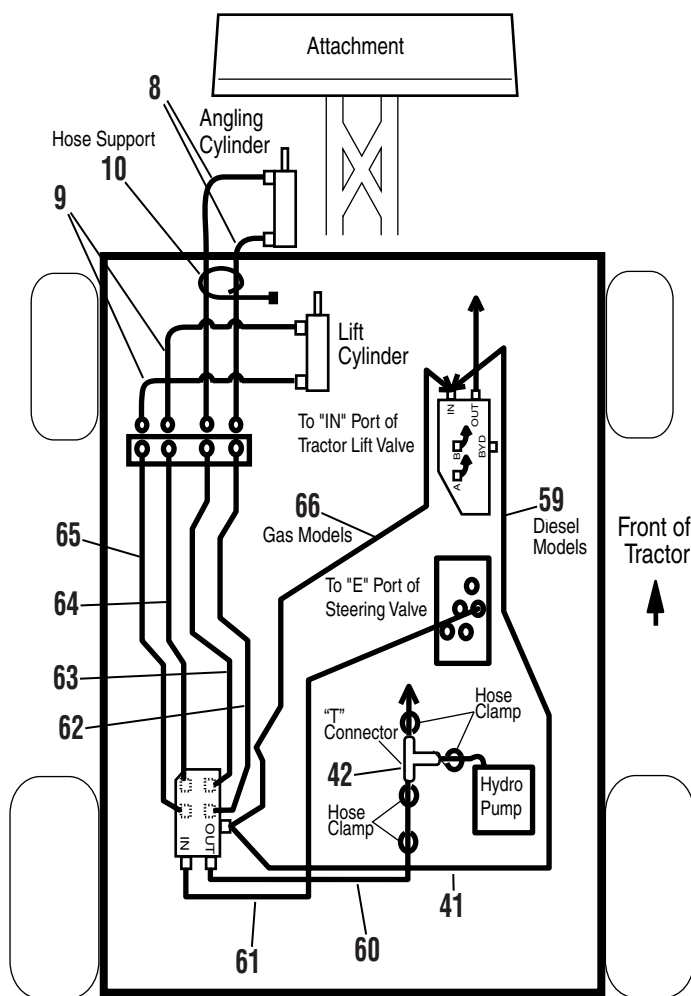
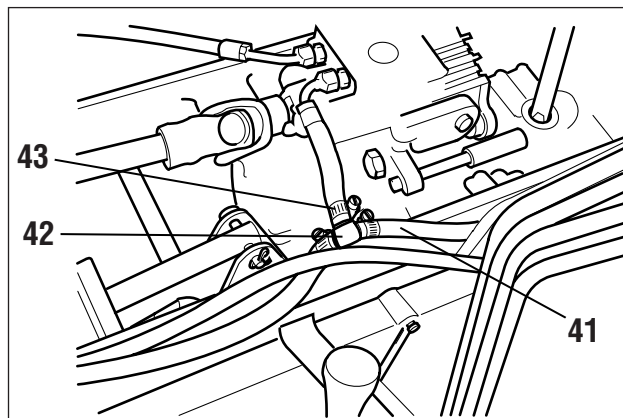
The above parts group applies to the following Mfg. Nos.:

1693274 Hydraulic Angling & Lift Kit

Hydraulic Angling & Lift Group 60" Dozer Blade

985457

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



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

1693274 Hydraulic Angling & Lift Kit

Hydraulic Angling & Lift Group 60" Dozer Blade

REF NO.	PART NO.	QTY.	DESCRIPTION
46	1719580	1	MOUNTING PLATE
47	1923282	1	CAPSCREW, Hex Head, 1/4-20 x 2-1/2
48	1960234	2	SPACER
49	1718419	1	VALVE ASSEMBLY
50	1718988	1	PLATE
51	1673796	3	SPACER
52	1917356	2	LOCKWASHER, 5/16
53	1917372	2	NUT, Hex 5/16
54	1718991	1	VALVE SUPPORT ASSEMBLY
55	1931337	2	CARRIGE BOLT, 5/16-18 x 1-1/2
56	960603	1	CAPSCREW, Hex Head, 1/4-20 x 3-1/2
57	1719393	1	POD, Seat Deck
58	1719733	1	DECAL, Hydraulic Levers
59	1719331	1	TUBE, Hydraulic
60	1719216	1	TUBE, Hydraulic
61	1719215	1	TUBE, Hydraulic
62	1719126	1	TUBE, Hydraulic
63	1719127	1	TUBE, Hydraulic
64	1719129	1	TUBE, Hydraulic
65	1719128	1	TUBE, Hydraulic
66	1719330	1	TUBE, Hydraulic

Footnotes:

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

1693274 Hydraulic Angling & Lift Kit

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher

Carriage Bolt



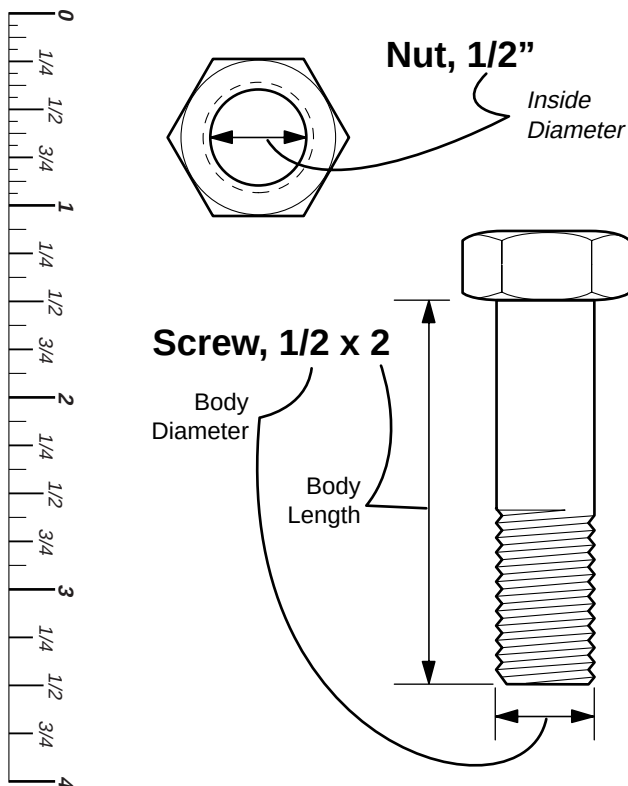
Hex Nut

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

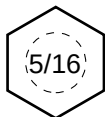
NOTES

- 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.

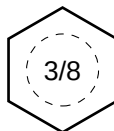
Wrench & Fastener Size Guide



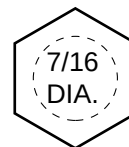
1/4" Bolt or Nut
Wrench—7/16"



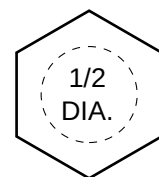
5/16" Bolt or Nut
Wrench—1/2"



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"