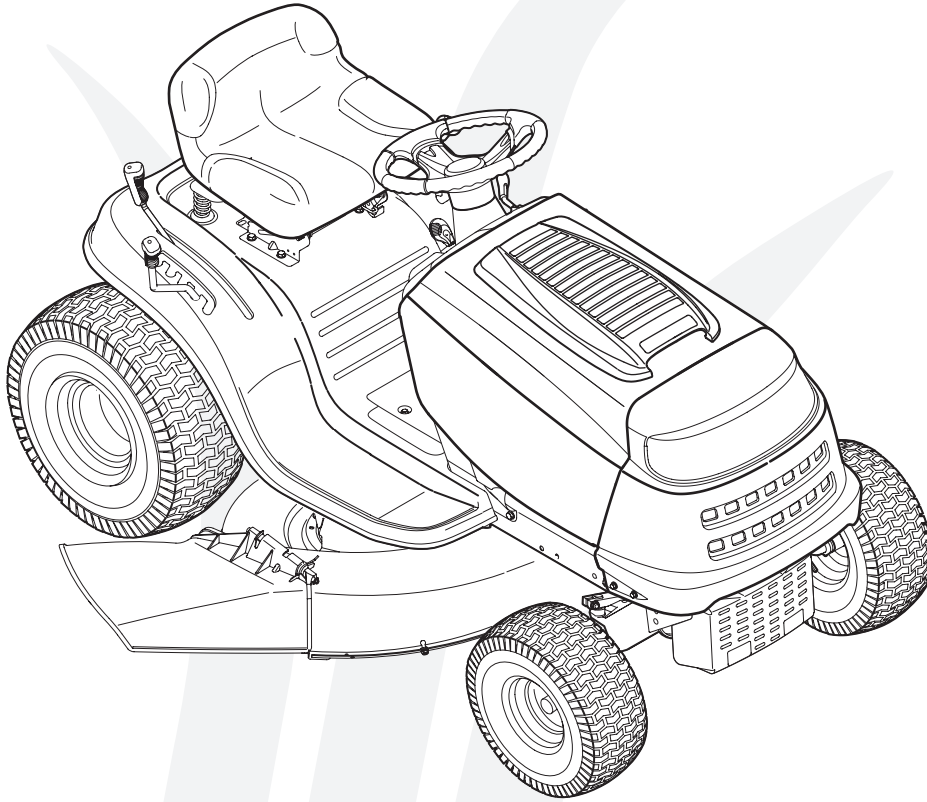


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# ILLUSTRATED PARTS MANUAL



## Transmatic Lawn Tractor — Models 760-779

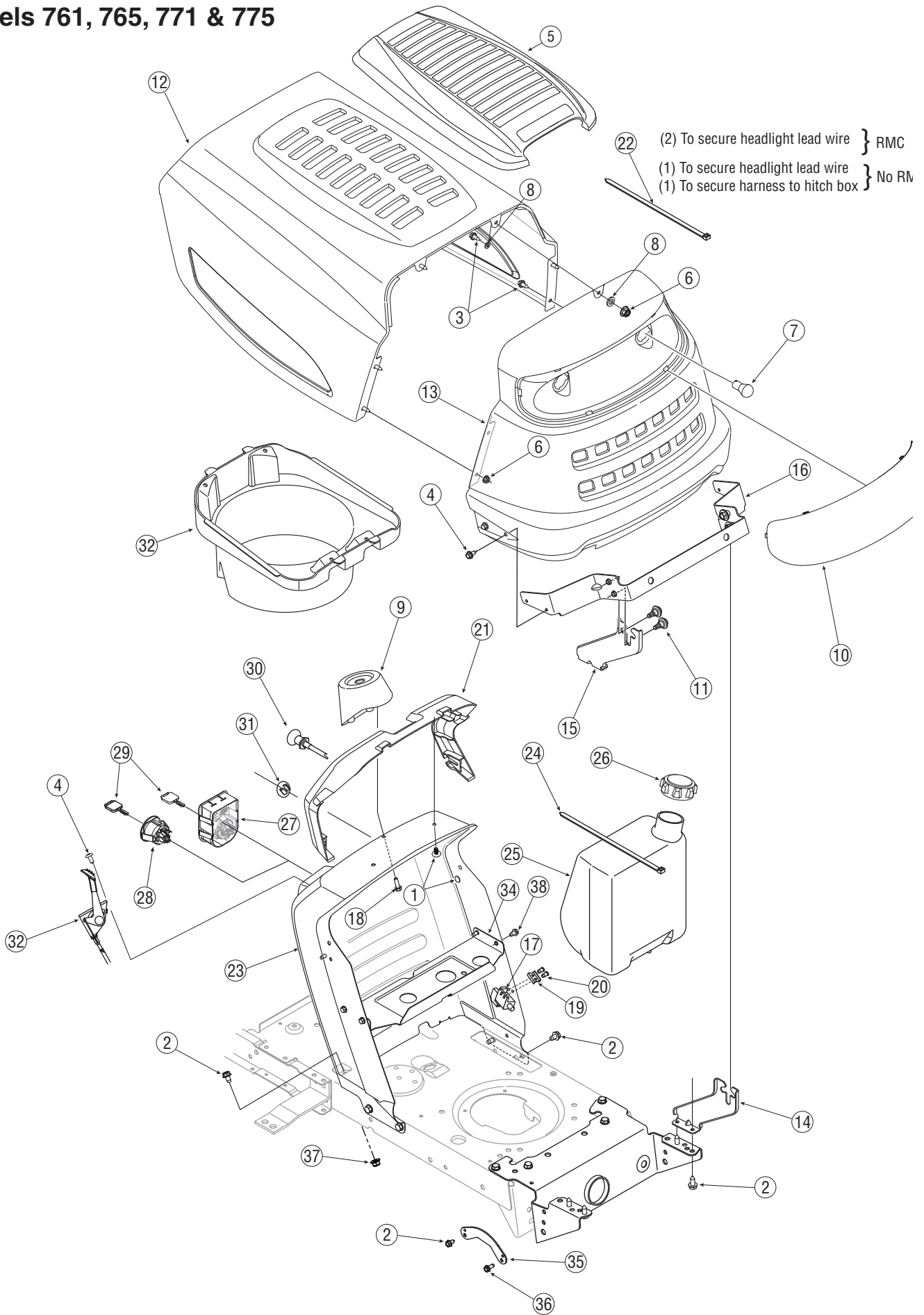
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### IMPORTANT

#### READ SAFETY RULES AND INSTRUCTIONS CAREFULLY BEFORE OPERATION

**Warning:** This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 361131 Cleveland, Ohio 44136-0019.

Models 761, 765, 771 & 775



## Illustrated Parts List



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	726-04072	Ratchet Clip .250 Dia. x .500 Lg.	24	726-0230	Cable Tie, 34.75
2	710-0604A	Screw, 5/16-18, 0.625	25	751-0555B	Fuel Tank, 1.5 gal.
3	710-0751	Screw, 1/4-20, .620, Gr5	26	751-0603	Fuel Tank Cap
4	710-04483	Screw, 1/4-20, .500	27	725-04227B	Module, Ignition Switch (RMC*)
5	731-05522††	5-Style Hood Cover	28	725-1741	Ignition, Switch (No RMC)
6	712-04064	Nut, Flange Lock, 1/4-20, Gr5	29	725-1744	Key
7	725-0963	Headlamp, 12V	30	746-1085A	Choke Control, 37.5"
8	736-0176	Washer, Flat, .265 x .938 x .120	31	731-05265	Plug
9	731-04945	Support, Steering	32	731-05147A	Plenum (Single Cylinder Engine)
10	731-04949	Lens		731-05566	Plenum (Kohler Single Cylinder)
11	738-04091	Screw, Shoulder, .43 x.29, 5/16-18		731-05165	Plenum (Twin Cylinder Engine)
12	783-04551	Hood	33	746-04364	Throttle/Choke Control, 25"
13	783-04552	Grille			(Single Cylinder Engine)
14	783-04577A	Pivot Bracket, LH		746-1086	Throttle Control, 39"
15	783-04578A	Pivot Bracket, RH			(Twin Cylinder Engine)
16	783-04621	Pivot Bracket, Grille	34	783-04584	Gas Tank Support Bracket
17	725-04039†	Switch	35	783-05027	Front Pivot Support Bracket
18	710-0895	Screw, 1/4-15, 0.750	36	710-1260A	Screw, 5/16-18 x .750
19	17962†	Switch Plate	37	712-04063	Flange Lock Nut 5/16-18
20	728-04021†	Pop Rivet	38	710-0599	Screw, 1/4-20, 0.500
21	731-04947A	Collar, Dash	—	725-04432	Wire Harness (RMC)
22	725-0157	Cable Tie	—	725-04433	Wire Harness (No RMC)
23	783-04892	Dash Assembly (RMC*)	—	725-04481	Wire Harness (No RMC) <i>Kohler Only</i>
	783-04873	Dash Assembly (No RMC)	—	777X41984	Headlight Lens Reflector

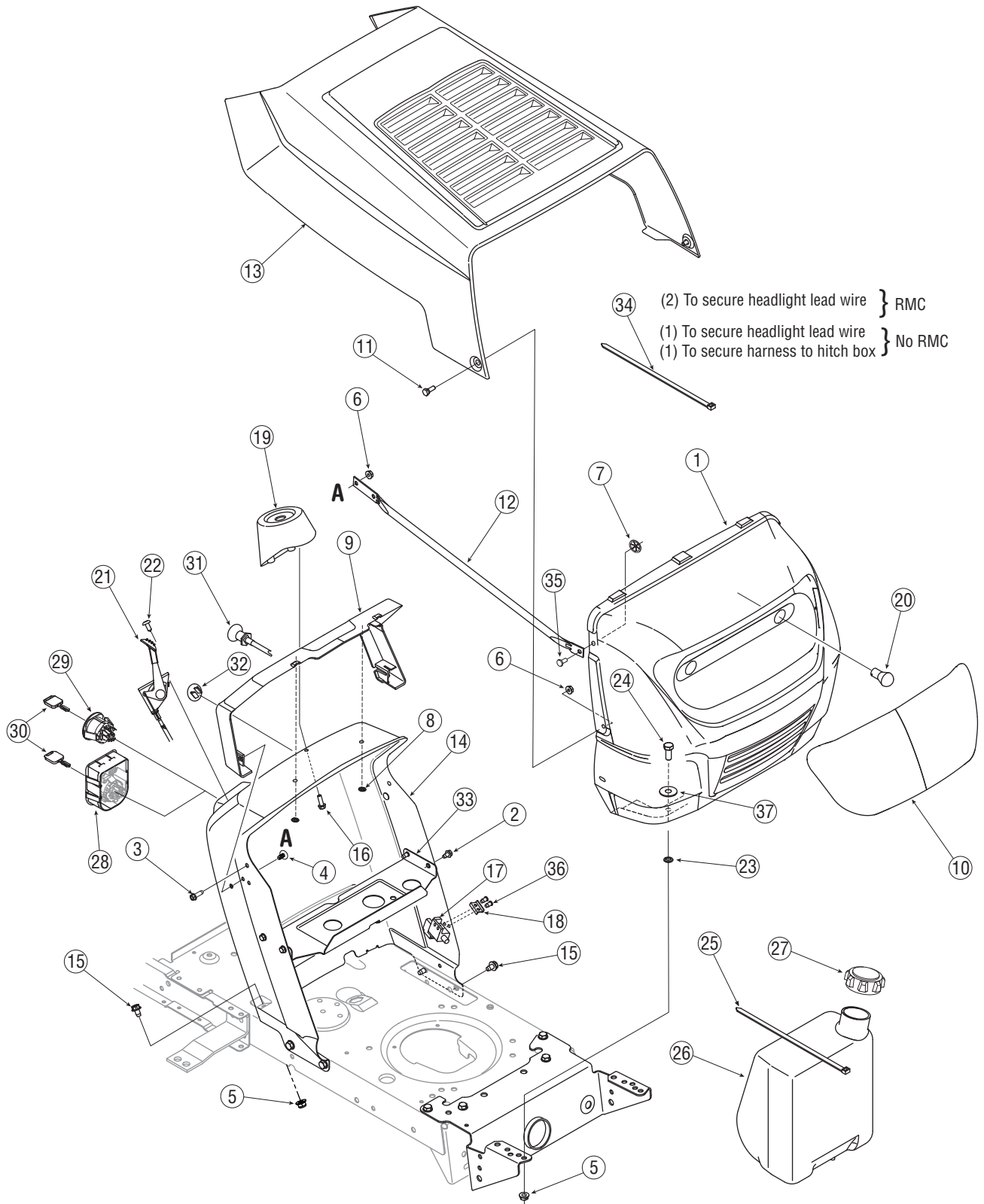
\* Reverse Caution Mode

† Models equipped with Reverse Caution Mode

†† 765 & 775 Models Only

**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

Model 762 & 772



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	783-04979	Grille		746-1086	Throttle Control, 39" (Twin Cylinder)
2	710-0599	Screw, 1/4-20, 0.500	22	710-04483	Screw, 1/4-14, .500
3	710-0642	Screw, 1/4-20, 0.750	23	726-0201	Speed Nut, .3125
4	726-04072	Ratchet Clip .250 dia. x .500 lg.	24	710-3008	Screw, 5/16-18, .750
5	712-04063	Nut, Flange Lock, 5/16-18, GrF	25	726-0230	Cable Tie, 34.75
6	712-04064	Nut, Flange Lock, 1/4-20, GrF	26	751-0555B	Fuel Tank, 1.5 gal.
7	726-04012	Nut, Push-on, .25 Dia	27	751-0603	Fuel Tank Cap
8	726-0233	Push Nut, .25ID x .50OD	28	725-04227B	Module, Ignition Switch (RMC*)
9	731-05012A	Collar, Dash, 0-Style	29	725-1741	Module, Ignition Switch (No RMC*)
10	731-1503A	Lens	30	725-1744	Key
11	738-0952A	Screw, Shldr, .375 x .125, 1/4-20	31	746-1085A	Choke Control, 37.5"
12	749-04220	Support Rod, Grill	32	731-05265	Choke Plug
13	783-04608	Hood	33	783-04584	Gas Tank Support Bracket
14	783-04892	Dash Assembly (RMC*)	34	725-0157	Cable Tie
	783-04873	Dash Assembly (No RMC)	35	728-0162	Rivet, Flat Head 1/4"
15	710-0604A	Screw, 5/16-18, 0.625	36	728-04021†	Pop Rivet
16	710-0895	Screw, 1/4-15, 0.750	37	736-3078	Flat Washer, .344 x 1.00 x .063
17	725-04039†	Switch	—	725-04432	Wire Harness (RMC)
18	17962†	Switch Plate	—	725-04433	Wire Harness (No RMC)
19	731-04945	Support, Steering	—	725-04481	Wire Harness (No RMC) <i>Kohler Only</i>
20	725-0963	Headlamp, 12V	—	777X40065	Headlight Lens Reflector
21	746-04364	Throttle/Choke Cable, 25" (Sgl. Cyl.)			

\* Reverse Caution Mode

† Models equipped with Reverse Caution Mode

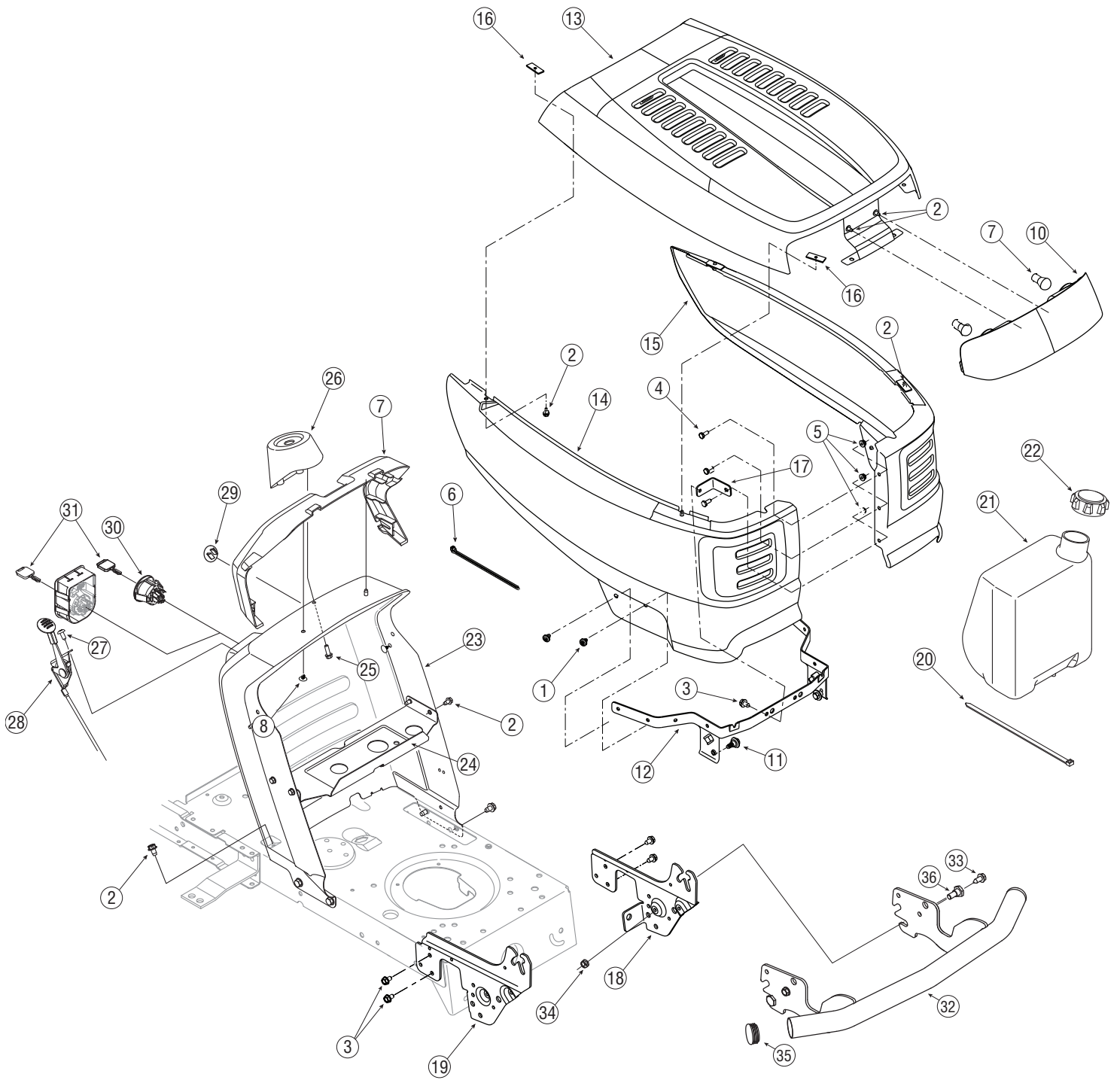
## Illustrated Parts List



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

Model 76T & 77T



## Illustrated Parts List



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

Ref. No.	Part No.	Description
1	710-04593	Screw, 5/16-18, .375
2	710-0599	Screw, 1/4-20, 0.500
3	710-0604A	Screw, 5/16-18, 0.625
4	710-0751	Screw, 1/4-20, 0.620
5	712-04064	Flange Lock Nut, 1/4-20
6	725-0157	Cable Tie, 3/16 x .05 x 7.4
7	725-0963	Headlamp, 12V
8	726-04072	Ratchet Clip
9	731-05078B	Collar, Dash, 3-Style
10	731-05357	Troy-Bilt Lens
11	738-04091	Screw, Shldr, .43 x .29, 5/16-18
12	783-04606B	Pivot Bracket
13	783-04827	Troy-Bilt Hood
14	783-04828	Troy-Bilt Side Panel, RH
15	783-04967	Troy-Bilt Side Panel, LH
16	783-05223	T-Style Hood Fastener
17	783-05315	Front Hood Bracket
18	783-05327	Hood Pivot Bracket, LH
19	783-05328	Hood Pivot Bracket, RH
20	726-0230	Cable Tie, 34.75
21	751-0555B	Fuel Tank, 1.5 gal.

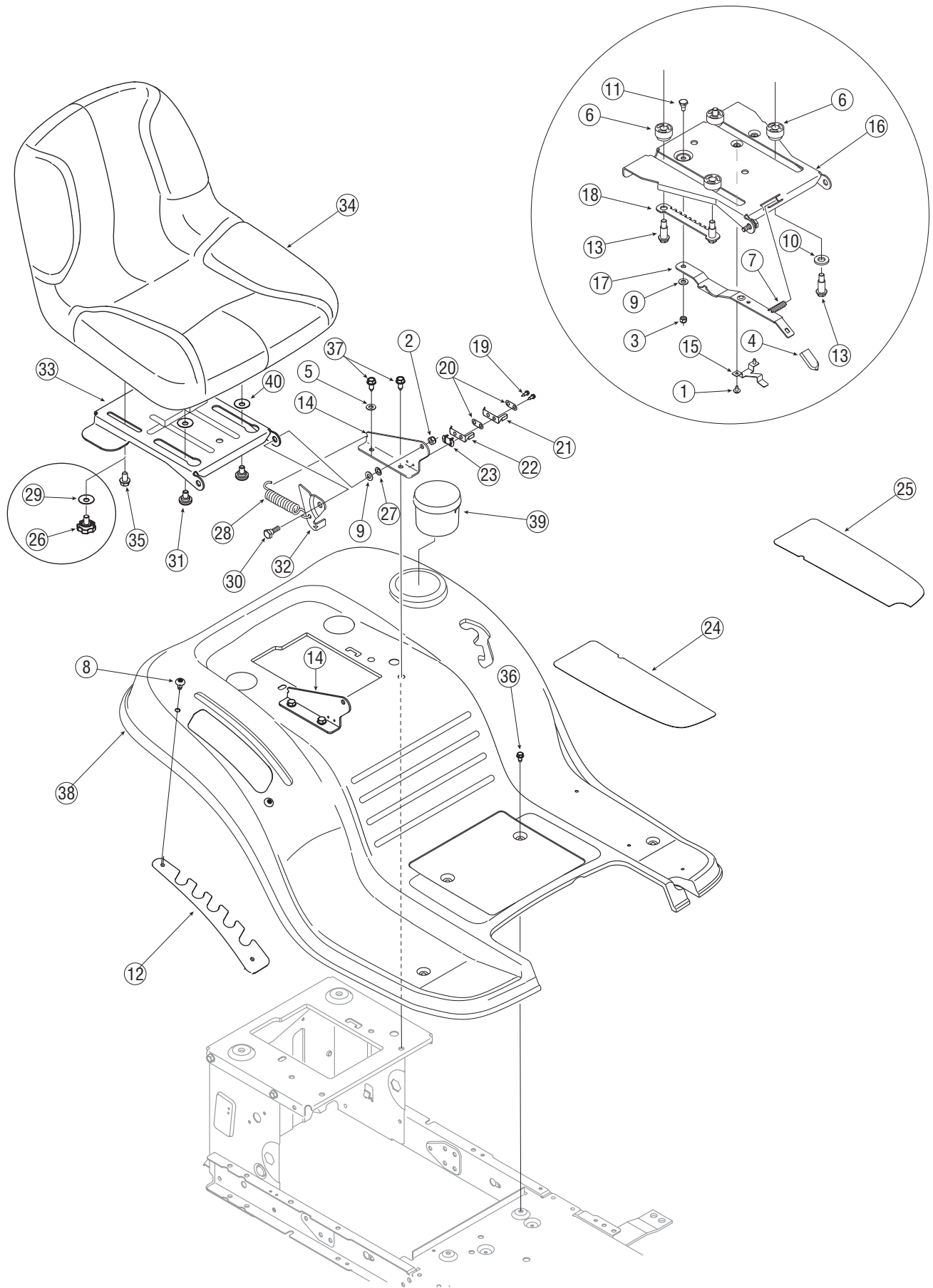
Ref. No.	Part No.	Description
22	751-0603	Fuel Tank Cap
23	783-04873	Dash Assembly (No RMC*)
	783-04892	Dash Assembly (RMC*)
24	783-04584	Gas Tank Support Bracket
25	710-0895	Screw, 1/4-15, .750
26	731-04945	Support, Steering
27	710-04483	Screw, 1/4-14, .500
28	746-04258	Throttle/Choke Control, 25.0
29	731-05265	Choke Plug
30	725-1741	Module, Ignition Switch (No RMC)
	725-04227B	Module, Ignition Switch (RMC)
31	725-1744	Key
32	683-04219A	Bumper Assembly
33	710-0726	Screw, 5/16-12, 0.750
34	712-04065	Flange Lock Nut, 3/8-16
35	731-05674	Bumper Cap
36	738-0143	Shoulder Bolt, 3/8-16
—	725-04433	Wire Harness (No RMC*)
—	725-04432	Wire Harness (RMC*)
—	777X42188	Headlight Lens Reflector RH
—	777X42187	Headlight Lens Reflector LH

\* Reverse Caution Mode

\*\* Models So Equipped

† Models equipped with Reverse Caution Mode

Models 760-779





Ref. No.	Part No.	Description
1	710-1268	Screw, #10-16, .375
2	712-04063	Nut, Flange Lock, 5/16-18, GrF
3	712-3027	Nut, Flange Lock, 1/4-20
4	720-0309A	Seat Adjuster Grip
5	736-0607	Lock Washer, 5/16
6	731-04074	Spacer
7	732-0499	Compression Spring, .41 x 1.5
8	710-04483	Screw, 1/4-20 x .500
9	736-0275	Wash, Flat, .344 x .688 x .065
10	736-3019	Wash, Flat, .531x 1.062 x.134
11	738-0137A	Screw, Shlder, .340 x .285,1/4-20
12	783-04843	Lift Adjustment Bracket
13	738-0966	Screw, Shlder, .50 x .925, 3/8-16
14	783-1489C	Mounting Bracket, Seat
15	783-0611	Seat Stop
16	783-0738B	Seat Pivot Bracket
17	783-0739A	Seat Adjustment Lever
18	783-0753	Seat Adjustment Selector
19	710-0227	Screw, #8-18 x .50
20	726-0279	Plate, Insulator
21	725-1303	Spring Switch, Outer
22	725-1439	Spring Switch, Inner
23	726-0278	Plate, Insulator Boss

Ref. No.	Part No.	Description
24	723-04025	Foot Pad, Abrasive, RH
	735-04048	Foot Pad, Rubber RH
25	723-04026	Foot Pad, Abrasive, LH
	735-04047	Foot Pad, Rubber LH
26	720-04061	Knob, 3/8-16, .875
27	726-0201	Nut, Speed, .3125 Id
28	732-1184	Spring, Exten., .84 Dia x 4.6 Lg.
29	736-0101	Washer, Flat, .406 x 1.00 x .030
30	738-0296	Scr., Shlder, .437 x .268, 5/16-18
31	738-04012A	Screw, Shlder, .625 x .175, 3/8-16
32	783-0209D	Lift Bracket, Seat
33	783-04081A	Pivot Bracket, Seat
34	757-04001A	Seat, Low, Black
	757-04037	Seat, Medium, Black
	757-04038A	Seat, Low, Yellow
35	710-04482	Screw, 3/8-16, .875
36	710-0599	Screw, 1/4-20, 0.500
37	710-0604A	Screw, 5/16-18, 0.625
38	783-04587A	Fender
39	731-04591A	Cup Holder
40	736-0300	Flat Washer, .406 x .875 x .059
	736-0140	Flat Washer, .395 x .62 x .063
—	726-3046	Ratchet Clip (For use w/ rubber foot pad)

## Illustrated Parts List



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**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.



Ref. No.	Part No.	Description
1	617-04024	Gear Assembly, Steering
2	710-0376	Screw, 5/16-18, 1.00, Gr5
3	710-0643	Screw, 5/16-18, 1.00, Gr5, Lock
4	710-1309	Screw, Mach, 5/16-18, 0.750
5	710-3180	Screw, 5/16-18, 1.75, Gr5
6	712-0240	Nut, Jam, 7/16-20, Gr2
7	712-0262	Nut, Jam Lock, 3/8-24, Gr2
8	712-04063	Nut, Flange Lock, 5/16-18, Grf
9	731-0484A	Hub Cap
10	723-0448A	Ball Joint, 7/16-20, Lock
11	736-0242	Washer, Bell, .340 x .872 x .060
12	783-04568	Front Hanger Bracket, Deck
13	738-04141	Scr., Shlder, .435 x .3485, 5/16-18
14	738-0919	Steering Shaft, 5/8 Spline x 21.86
15	741-04124	Bearing, Flange, Hex 5/8
16	741-0475	Plastic Bushing .380 ID
17	747-04298	Drag Link, Steering
18	748-0389	Cap, 1.25 x .16
19	748-04065	Steering, Block
20	748-04068	Spacer, .710 ID x .125 OD x .56
21	750-04418	Spacer, .322 ID x .625 OD x .21
22	783-04644	Stabilizer Plate, Gear Segment
23	638-04007	Axle Assmby LH (38" & 42" Deck)
	638-04013	Axle Assembly, LH (46" Deck)
24	638-04008	Axle Assmby RH (38" & 42" Deck)
	638-04014	Axle Assembly, RH (46" Deck)
25	683-0128B	Pivot Bar
26	710-0604A	Screw, 5/16-18, 0.625

Ref. No.	Part No.	Description
27	712-04065	Nut, Flange Lock, 3/8-16, GrF
28	714-04039	Pin, Cotter, 5/32, 1.25
29	714-0474	Pin, Cotter, 1/8 x 0.75
30	726-0341	Push Cap, 3/4
31	731-04057A	End Cap, Pivot Bar (Standard)
	731-1291A	End Cap, Pivot Bar (w/ Fitting)
32	736-04228	Washer, Flat, .781 x 1.59
33	738-04128	Scr., Shlder, .500 x 2.380, 3/8-16
34	741-0660A	Bearing, Flange, .760 x .941 x 1.0
35	747-04299A	Tie Rod
36	783-04601B	Bracket, Pivot
37	731-04057A	Axle End Cap, Standard
38	631-04028	Steering Wheel, Standard Grip
	631-04008	Steering Wheel, Soft Grip
39	731-04039	Cap, Steering Wheel (no logo)
	731-04040	Cap, Steering Wheel (sprig logo)
	731-04681	Cap, Steering Wheel (tine logo)
40	634-04325	Wheel Ass'y, Round Shoulder
	734-04240A	Tire Only, 15 x 6 x 6, Round Shld.
	634-04086	Wheel Ass'y, Square Shoulder
	734-1731	Tire Only, 15 x 6 x 6, Square Shld.
	634-04081	Rim Assembly (Incl. bearings and valve stem)
41	719-04105	Pivot Bar, Cast
42	726-04035	Push Nut 3/4 Dia.
43	731-04693	Push Cap
44	736-0316	Washer, Flat, .78 x 1.59 x .60
45	783-05326	Pivot Bar Bracket, T-Style Hood

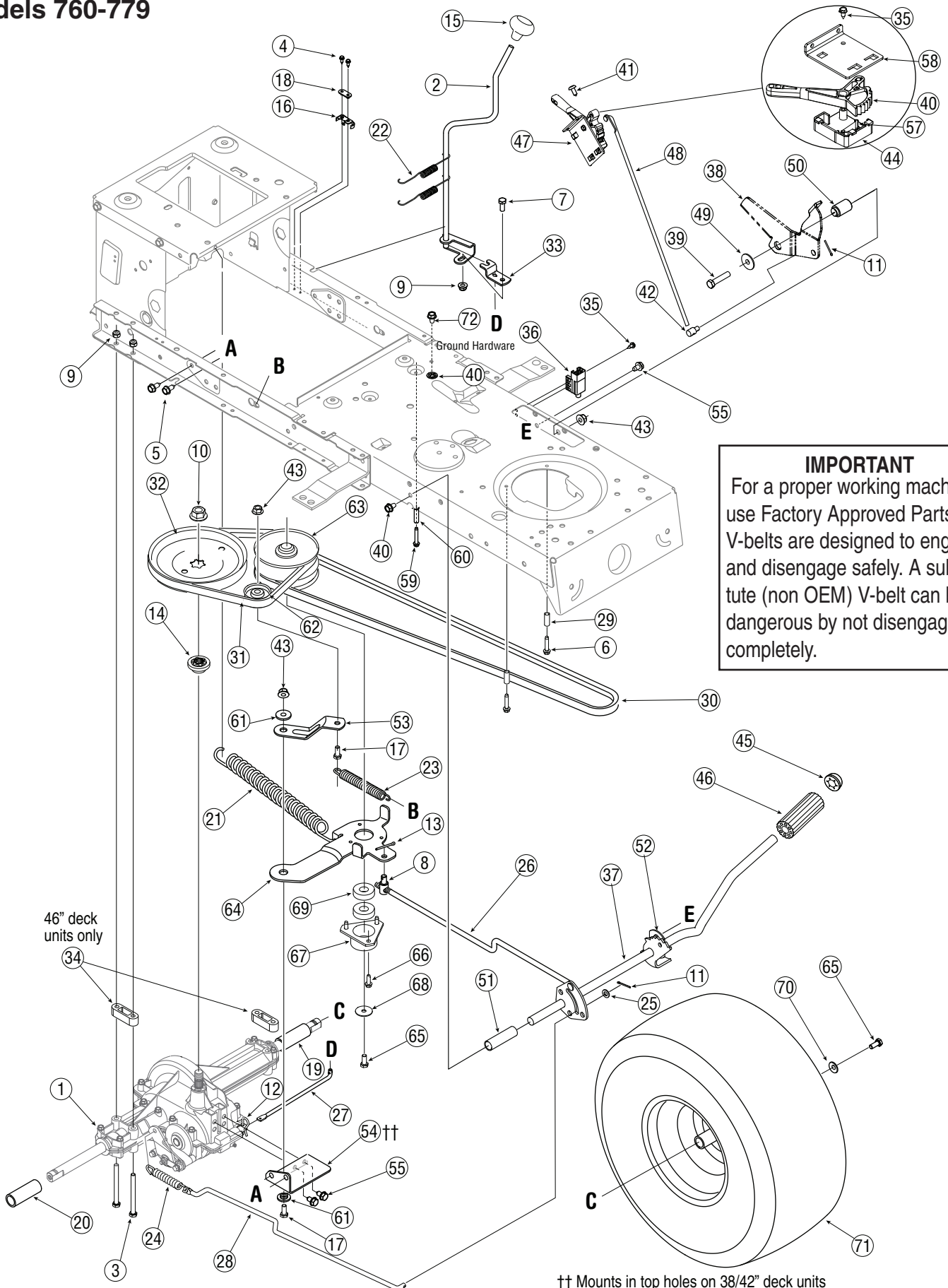
## Illustrated Parts List



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**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

Models 760-779



†† Mounts in top holes on 38/42" deck units  
Mounts in bottom holes on 46" deck units

Ref. No.	Part No.	Description
1	618-04034	Transmission Assembly
2	647-04035	Lever Assembly, Shift
3	710-0176	Screw, 5/16-18, 2.75 (38/42" Dk.)
	710-1266	Screw, 5/16-18, 3.50 (46" Deck)
4	710-0227	Screw, #8-18, 0.500
5	710-0726	Screw, 5/16-12, 0.750
6	710-0809	Screw, 1/4-20, 1.250
7	710-3008	Screw, 5/16-18, .75, Gr5
8	711-04075A	Ferrule, 3/8-24 x .375 Dia.
9	712-04063	Nut, Flange Lock, 5/16-18, GrF
10	712-0700	Nut, Flange, 9/16-18, Gr2
11	714-0111	Pin, Cotter, 3/32, 1.0
12	714-0209	Cotter Pin, Internal .125 Dia
13	714-0470	Pin, Cotter, 1/8 x 1.25
14	718-0758A	Hub, Pulley, 5/8 Spline
15	720-04028	Knob, Shift
16	725-1644	Spring Switch, Short
17	710-0520	Screw, 3/8-16 x 1.50
18	726-0320	Plate, Insulator Nut
19	731-04602	Sleeve, .758 x .821 x 3.3125
20	731-04604	Sleeve, .758 x .821 x 2.4375
21	732-04076A	Spring, Extension, 1.15 OD x 7.90
22	732-04276A	Spring, Extension
23	732-04306	Spring, Extension, .80 OD x 3.28
24	732-0716C	Spring, Extension, .59 OD x 4.00
25	736-0264	Washer, Flat, .330 x .630 x .0635
26	747-04265	Control Rod Var. Spd. (38/42" Dk.)
	747-04568	Control Rod, Var. Spd. (46" Deck)
27	747-04277	Rod, Shift
28	747-04287	Rod, Brake
29	750-0566A	Spacer, .260 x .372 x 1.030
30	754-04001A	Belt
31	754-0241A	Belt
32	756-04002	Pulley, V-Type, 7.25 Dia
33	783-04595	Shift Bracket, Adjustable
34	748-0334	Spacer .68
35	738-04237	Screw, #10-16, 0.500
36	725-04363	Switch, Interlock
37	647-04034C	Pedal Assembly, Drive
38	783-04862	Latch Bracket (RMC*)
	783-04903	Latch Bracket (No RMC)

Ref. No.	Part No.	Description
39	710-3144	Screw, 3/8-16, 2.00, Gr5
40	736-0222	Lock Washer, 1/4
41	710-04483	Screw, 1/4-20, 0.500
42	711-0736	Adjustment Ferrule 1/4-20
43	712-04065	Nut, Flange Lock, 3/8-16, GrF
44	731-05361	Control Cover
45	726-0214	Push Cap, 5/8
46	735-0239	Pad, Foot, 4.0
47	683-04225	Shift Cont. Assembly, 6-Spd
	683-04216	Shift Cont. Assembly, 7-Spd
	683-04274	Shift Cont. Assembly, 7-Spd TB
48	747-04430	Control Rod, Speed Selector
49	736-0247	Washer, Flat, .406 x 1.25 x .157
50	750-04465	Spacer, Flge, .390 x .671 x 1.095
51	750-0802	Spacer, .640 ID x .76 OD x 2.63
52	783-04536	Support Bracket, Pedal
53	683-04207	Bracket, Idler
54	683-04176A	Torque Bracket, Transmission
55	710-0604A	Screw, 5/16-18, 0.625
56	710-0520	Screw, 3/8-16, 1.25, Gr5
57	732-0627	Shift Lever Spring
58	783-04830	Control Bracket
59	710-1325	Screw, 1/4-20 x 1.625
60	750-04456	Spacer, .260 x .372 x 1.420
61	738-0347	Spacer, Shoulder, .625 ID x .169
62	756-04213	Pulley, Flat Idler
63	656-04015	Pulley Ass'y, Variable Speed
64	683-04206	Bracket Ass'y, Variable Speed
65	710-0627	Screw, 5/16-24, .750, Gr5
66	710-0778	Screw, 1/4-20, 1.50
67	718-04261	Cup, Bearing
68	736-0362	Washer, Flat, .330 x 1.25 x .06
69	741-0124	Bearing, Ball, 17 x 40 x 12
70	736-0242	Bell Washer, .34 x .872 x .060
71	634-04324	Wheel Ass'y, Round Shoulder
	734-04241	Tire Only, 20 x 8 x 8, Round Shld.
	634-0070	Rim Assy. (Inc. bearings, valve stem)
	634-0104	Wheel Ass'y, Square Shoulder
	734-1730	Tire Only, 20 x 8 x 8, Square Shld
	734-0603A	Rim Assy. (Inc. bearings, valve stem)
72	710-0599	Screw, 1/4-20 x .500

\* Reverse Caution Mode

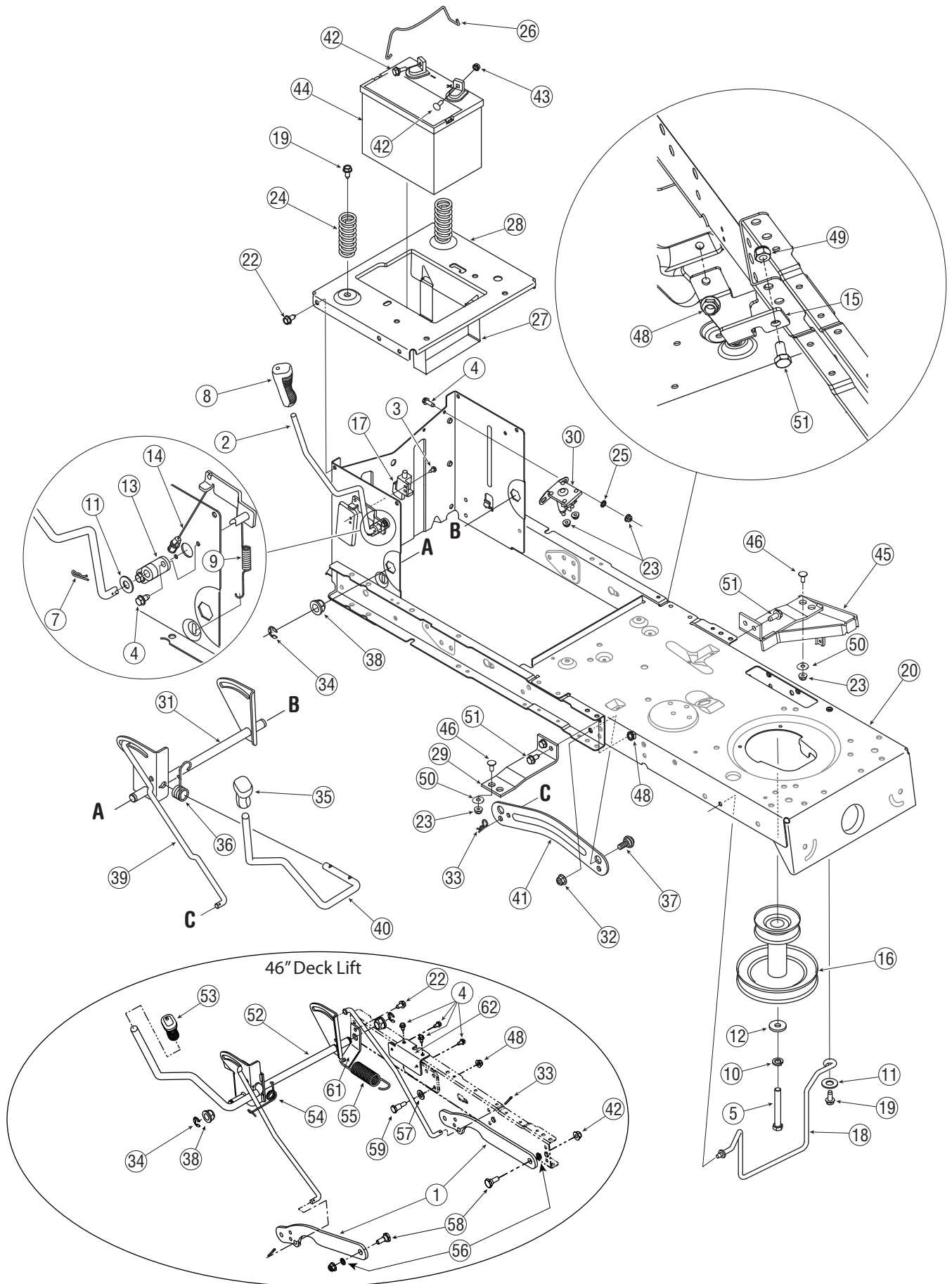
## Illustrated Parts List



**To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)**

**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

Models 760-779



Ref. No.	Part No.	Description
1	783-0678C	Deck Lift Link
2	647-04096	Handle Asswmbly, PTO
3	738-04237	Shoulder Screw, #10-16, 0.500
4	710-0599	Screw, 1/4-20, 0.500
5	710-3157A	Screw, 7/16-20, 3.25 38 & 42" Dk.
	710-04607	Screw, 7/16-20, 2.75 46" Deck
7	714-0145	Pin, Click, .092 x 1.64
8	720-04049	Grip, Handle, 3/8
9	732-04276A	Spring, Extension
10	736-0171	Washer, Lock, 7/16
11	736-0300	Washer, Flat, .406 x .875 x .059
12	736-0322	Washer, Flat, .450 x 1.250 x .164
13	741-04119	Bearing, PTO
14	746-04173B	Cable, Deck Engagement
15	783-04753	Frame Support Bracket
16	756-04196	Engine Pulley, 38" & 42" Deck
	756-04207	Engine Pulley, 46" Deck
17	725-04363	Switch, Interlock
18	747-04332A	Rod, Belt Keeper (38" Deck)
	747-04307	Rod, Belt Keeper (42/46" Deck)
19	710-1260A	Screw, 5/16-18, .750
20	683-04163A	Frame Assembly
21	710-0642	Screw, 1/4-20, 0.750
22	710-0604A	Screw, 5/16-18, 0.625
23	712-04064	Nut, Flange Lock, 1/4-20, GrF
24	732-04035	Spring, Compr. , 1.28 OD x 3.125
25	736-0222	Washer, Lock, 1/4
26	747-04385	Hold Down Rod, Battery
27	783-04869	Bracket, Battery
28	783-04548A	Seat Bracket, Frame
29	783-04637	Bracket, Runing Board
30	725-04439	Solenoid
31	683-04155A	Shaft Assembly Lift 38/42" Decks
32	712-04065	Nut, Flange Lock, 3/8-16, GrF

Ref. No.	Part No.	Description
33	714-04043	Pin, Cotter .08 x 1.56 Intern. RH
	714-0470	Pin, Cotter .080 x 1.25 Intern. LH
34	716-0106A	Ring, E-Type, .625 Dia.
35	720-0311	Grip, Handle, 1/2
36	732-04225	Spring, Torsion 38/42" Decks
37	738-04130	Screw, Shldr. , .625 x .175, 3/8-16
38	741-0225	Bearing, Hex Flange
39	747-04393	Rod, Lift
40	747-04282	Deck Handle, Lift, 38/43" Decks
41	783-04494	Lift Arm, Deck - RH
	783-04711	Lift Arm, Deck - LH
42	710-04466	Screw, Carriage, 1/4-20, .75, Gr5
43	712-0271	Nut, Sems, 1/4-20
44	725-1737A	Battery, 190 CCA
	725-1704A	Battery, 125 CCA
45	683-04195	Support Bracket Assembly
46	710-0134	Carriage Screw, 1/4-20 x .62
47	710-3025	Screw, 5/16-18 x .625
48	712-04063	Flange Lock Nut, 5/16-18
49	712-0429	Hex Lock Nut, 5/16-18
50	736-0173	Flat Washer, .28 x .74 x .063
51	710-3008	Hex Screw, 5/16-18 x .75
52	683-04334	Shaft Assembly Lift 46" Decks
53	720-0298	Grip, Handle, 5/8
54	732-04438	Spring, Torsion 46" Deck
55	732-0934	Extension Spring
56	736-0140	Washer, Flat, .385 x .62 x .063
57	736-0226	Washer, Flat, .474 x .879 x .064
58	738-0380	Bolt, Shldr. .500 x .270 3/8-16
59	738-0754	Screw, Shldr. , .437 x .54
60	747-04653	Deck Handle, Lift, 46" Deck
61	783-04462	Lift Bracket
62	783-05389	Frame Brace Bracket

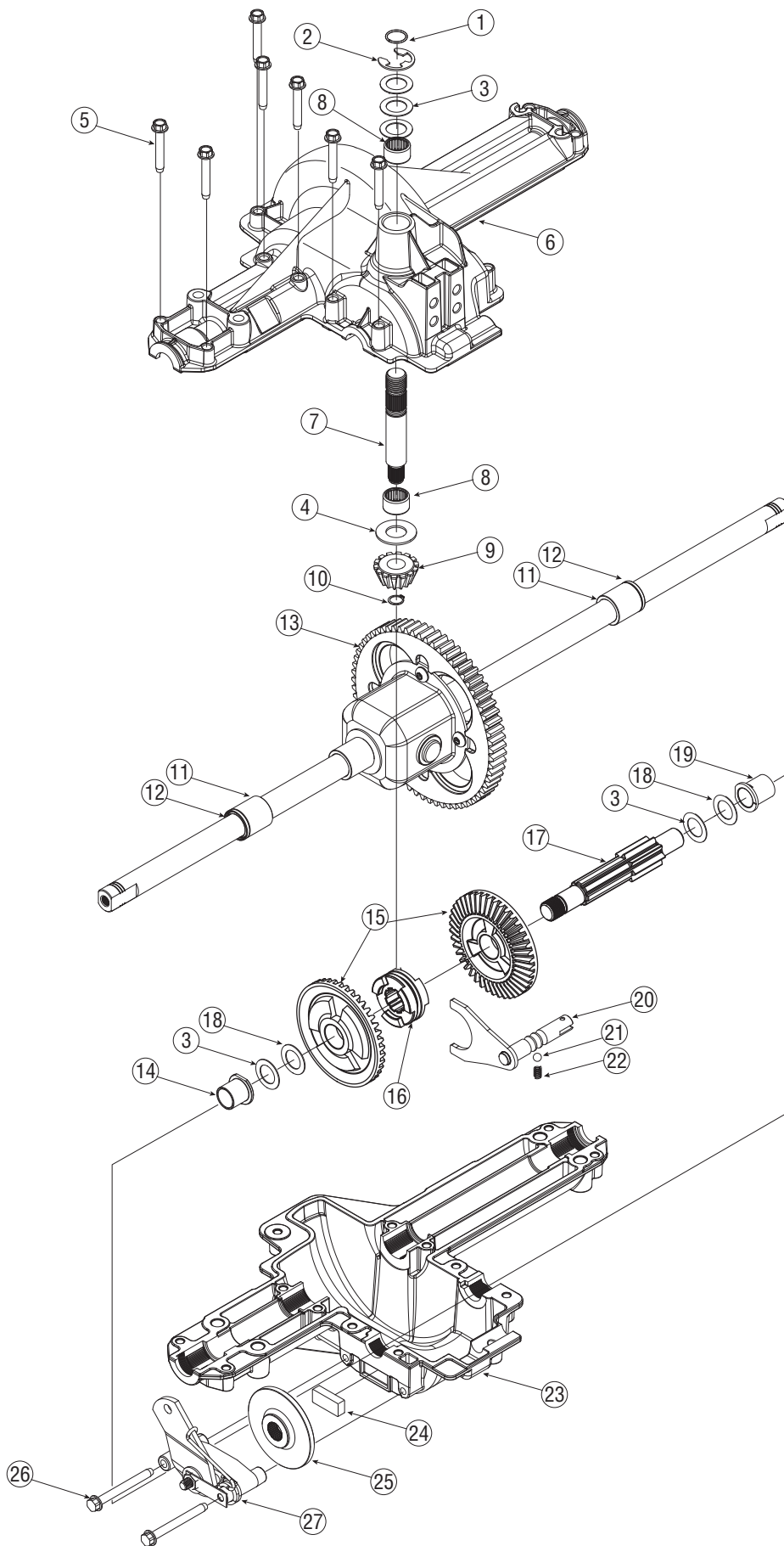
## Illustrated Parts List



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

Models 760-779





Ref. No.	Part No.	Description
1	732-0614	Ring, Wire
2	716-0231	Ring, E Type,.750
3	736-0336*	Flat Washer, 5/8 x 1.0 x.030
	736-0337*	Flat Washer, 5/8 x 1.0 x.040
	736-0349*	Flat Washer, 5/8 x 1.0 x.020
4	736-0335	Washer, Thrust.635 x 1.26 x.06
5	710-1325	Self-tapping Screw, 1/4-20 x 1.625
6	719-04017	Upper Housing
7	711-1109	Input Shaft
8	741-0335	Needle Bearing,.625 x.813 x.495
9	717-1464	14-tooth Bevel Pinion
10	716-0108	Retaining Ring,.437
11	741-0340	Sleeve Bearing,.75 x 1.0 x 1.0
12	721-0338	Seal,.75 x 1.0 x.125
13	618-04041A	Differential Assembly
14	741-0336	Flange Bearing, 5/8 x 3/4 x 3/4
15	717-04056	42-tooth Bevel Gear
16	718-04045	Clutch Collar
17	711-04134	Drive Shaft
18	736-0495*	Thrust Washer, 1.0 x.632 x.0
	736-0494*	Flat Washer,.632 x 1.00 x.035
19	741-0337	Flange Bearing, 5/8 x 3/4 x 15/16
20	611-0011	Detent Shaft Assembly
21	741-0862	Detent Ball
22	732-0863	Compression Spring
23	719-04018	Lower Housing
24	717-0678	Brake Puck
25	761-0202	Brake Disc
26	710-1206	Self-tapping Screw, 1/4-20 x 2.375
27	661-0001	Brake Assembly
—	737-0148	Grease (19 oz.)

\* Use applicable flat washer (ref. #'s 3 or 18) in this application allowing .0150/.0020 in. end-play

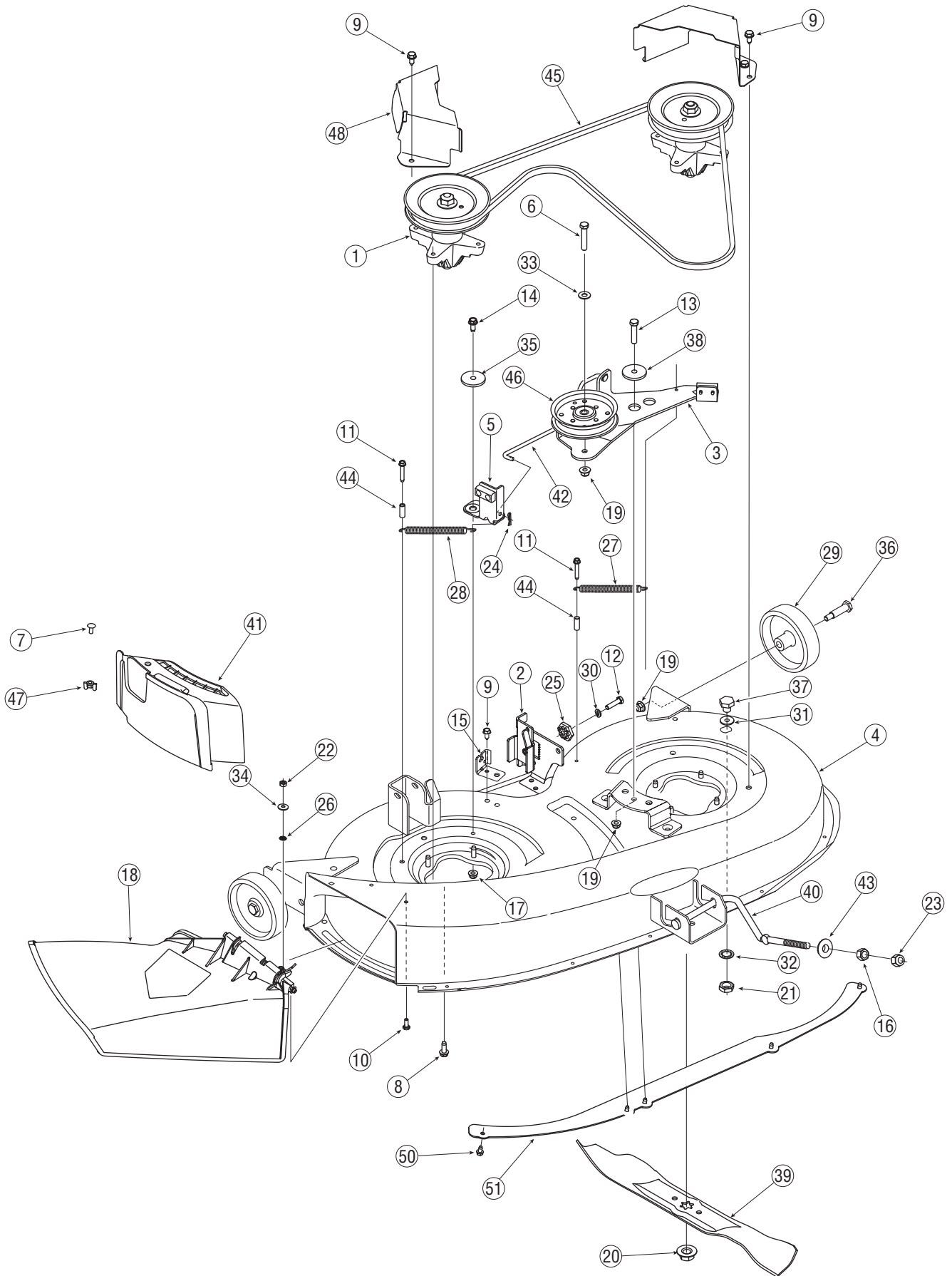
**NOTE:** If rebuilding the upper housing, include two ounces (2 oz.) of Unirex® N3 grease (Part No. 737-0289) in the input shaft cavity.

## Illustrated Parts List



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

Models 760-779 (38" Deck)



Ref. No.	Part No.	Description
1	618-04474	Spindle Assembly, Pul, 5.75" Dia
2	683-04228	Brkt. Assembly, Deck, Hanger LH
3	683-04138B	Brake Assembly, Deck
4	683-04263	Deck Shell, 38" (w/o Wheel Brkt)
	683-04161	Deck Shell, 38" (w/ Wheel Brkt)
5	683-04167	Brake Assembly, Deck
6	710-0347	Screw, 3/8-16, 1.75, Gr5
7	710-0134†	Carriage Screw, , 1/4-20 x .62
8	710-1260A	Screw, 5/16-18, 0.75
9	710-0604A	Screw, 5/16-18, 0.625
10	710-3015	Screw, 1/4-20, .75, Gr5
11	710-0778	Screw, 1/4-20, 1.500
12	710-0528	Screw, 5/16-18, 1.250
13	710-3005	Screw, 3/8-16, 1.25, Gr5
14	710-3008	Screw, 5/16-18, .75, Gr5
15	783-04740	Deck Engagement Cable Bracket
16	712-0206	Nut, Hex, 1/2-13, Gr5
17	712-04063	Nut, Flange Lock, 5/16-18, GrF
18	731-1032B	Chute Assembly, Discharge
19	712-04065	Nut, Flange Lock, 3/8-16, GrF
20	712-0417A	Nut, Flange, 5/8-18
21	712-0641	Nut, Hex, M16-1.5
22	712-3006	Nut, Hex, 1/4-20, Gr5
23	712-3083	Nut, Hex Lock, 1/2-13, Gr8, Nylon
24	714-0104	Pin, Cot, .072 Dia. x 1.13 Lg
25	717-04074	Gear, Deck Adjustment

Ref. No.	Part No.	Description
26	726-0233	Nut, Push, .25 ID x .50 OD
27	732-04280B	Spring, Exten. , .75 Dia. x 6.375
28	732-04287	Spring, Exten. , .50 Dia. x 6.375
29	734-0973†	Wheel, Deck 5.0 x 1.38
30	736-0119	Washer, Lock, 5/16
31	736-0187	Washer, Flat, .64 x 1.24 x .06
32	736-0225	Washer, Lock, 5/8, Internal Tooth
33	736-0300	Washer, Flat, .406 x .875 x .059
34	736-0270	Washer, Bell, .265 x .75 x .062
35	738-04166	Spacer, Shoulder, .5000 x .1475
36	738-0373†	Screw, Shldr, .498 x 1.53, 3/8-16
37	738-04146	Plug, Screw, M16 x 1.5
38	738-04162A	Spacer, Shoulder, .8840 x .190
39	742-0610A	Blade, 19.38", Star 3-in-1
40	747-04322	Deck Rod, Front Adjustable
41	731-2363†	Mulch Plug
42	747-04381	Control Rod, Brake
43	748-04069	Pivot Cup, Deck Lift
44	750-0566A	Spacer, .260 x .372 x 1.030
45	754-04062	Belt, V-Type
46	756-04129	Idler Pulley, 4.25" Dia.
47	712-3087†	Wing Nut, 1/4-20
48	783-04602A	Cover, Belt, 5.66 Dia.
50	710-0599 †	Screw, 1/4-20, .500
51	783-1297 †	38" Deck Skirt

† If Equipped

**IMPORTANT**

For a proper working machine, use Factory Approved Parts. **V-belts** are designed to engage and disengage safely. A substitute (non OEM) V-belt can be dangerous by not disengaging completely.

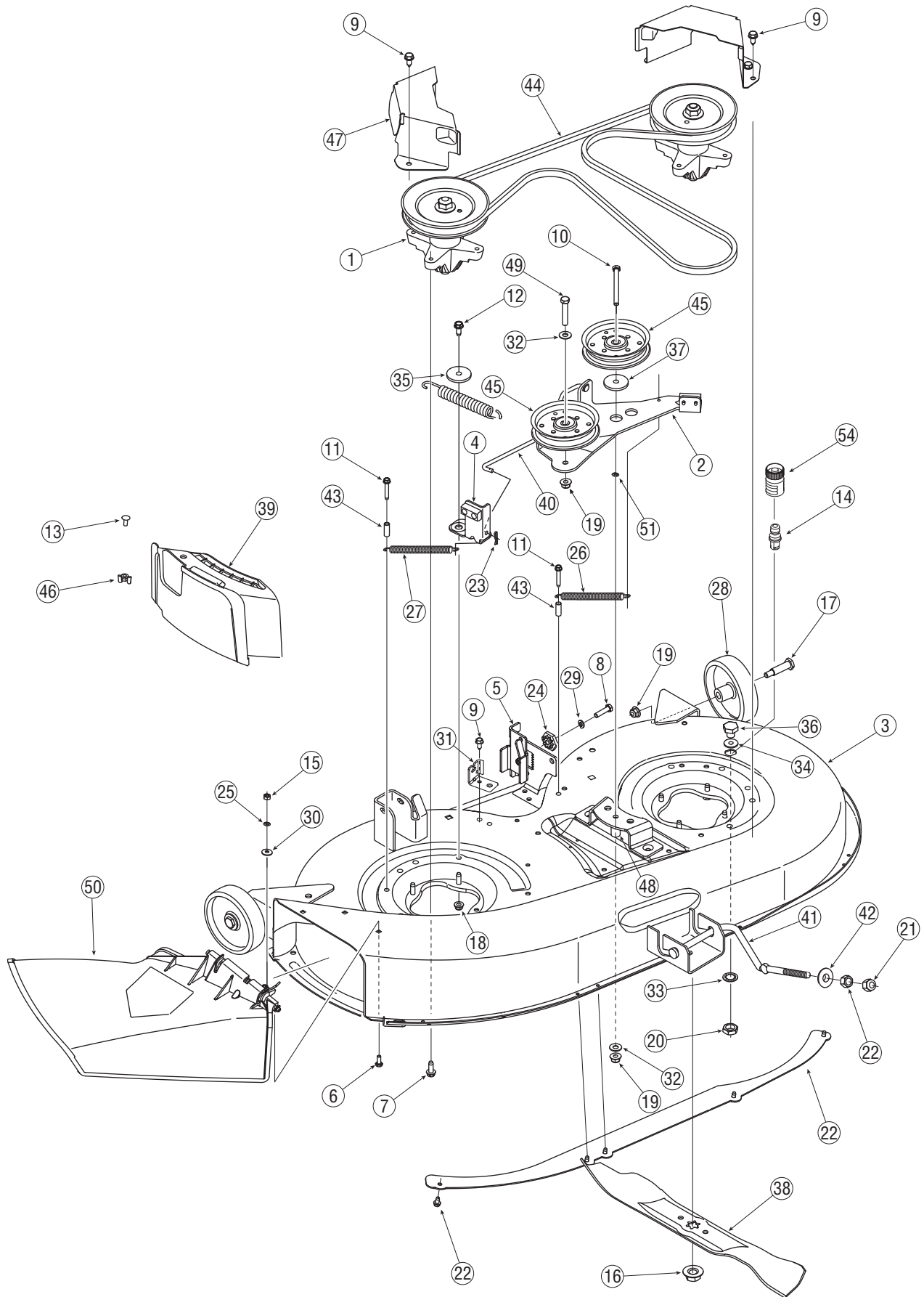
**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

**Illustrated  
Parts List**



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

Models 760-779 (42" Deck)



Ref. No.	Part No.	Description
1	618-04456	Spindle Assembly, Pul, 6.3" Dia
2	683-04138B	Brake Assembly, Deck
3	683-04165A	Deck Shell, 42" (w/o Wheel Brkt)
	683-04162A	Deck Shell, 42" (w/ Wheel Brkts.)
4	683-04167	Brake Assembly, Deck
5	683-04228	Brkt. Ass'y, Deck, Hanger LH
6	710-3015	Screw, 1/4-20, .75, Gr5
7	710-1260A	Screw, 5/16-18, 0.750
8	710-0528	Screw, 5/16-18, 1.250
9	710-0604A	Screw, 5/16-18, 0.625
10	710-3085	Screw, 3/8-16, 3.50, Gr5
11	710-0778	Screw, 1/4-20, 1.500
12	710-3008	Screw, 5/16-18, .75, Gr5
13	710-0134†	Carriage Screw, , 1/4-20 x .62
14	737-04003C†	Deck Water Nozzle
15	712-3006	Nut, Hex, 1/4-20, Gr5
16	712-0417A	Nut, Flange, 5/8-18
17	738-0373	Screw, Shldr, .498 x 1.53, 3/8-16
18	712-04063	Nut, Flange Lock, 5/16-18, GrF
19	712-04065	Nut, Flange Lock, 3/8-16, GrF
20	712-0641	Nut, Hex, M16-1.5
21	712-3083	Nut, Hex Lock, 1/2-13, Gr8
22	712-0206	Nut, Hex, 1/2-13, Gr5
23	714-0104	Pin, Cot, .072 Dia. x 1.13 Lg
24	717-04074	Gear, Deck Adjustment
25	726-0233	Nut, Push, .25 ID x .50 OD
26	732-04280B	Spring, Exten. , .75 Dia. x 6.375
27	732-04287	Spring, Exten. , .50 Dia. x 6.375

† If Equipped

Ref. No.	Part No.	Description
28	734-0973†	Wheel, Deck 5.0 x 1.38
29	736-0119	Washer, Lock, 5/16
30	736-0270	Washer, Bell, .265 x .75 x .062
31	783-04740	Deck Engagement Cable Bracket
32	736-0267	Washer, Flat, .385 x .87 x .06
33	736-0225	Washer, Lock, 5/8, Internal Tooth
34	736-0187	Washer, Flat, .64 x 1.24 x .06
35	738-04166	Spacer, Shoulder, .5000 x .1475
36	738-04146	Plug, Screw, M16 x 1.5
37	738-04162A	Spacer, Shoulder, .8840 x .190
38	742-0616A	Blade, 21.23", Star 3-in-1
39	731-2363†	Mulch Plug
40	747-04379A	Control Rod, Brake
41	747-04269A	Deck Rod, Front Adjustable
42	748-04069	Pivot Cup, Deck Lift
43	750-0566A	Spacer, .260 x .372 x 1.030
44	754-04060B	Belt, V-Type
45	756-04129	Idler Pulley, 4.25" Dia.
46	712-3087†	Wing Nut, 1/4-20
47	783-04327A	Cover, Belt, 6.00 Dia.
48	750-04446	Spacr, 3/8 ID x .68 OD x 1.46 Lg.
49	710-0347	Screw, 3/8-16 x 1.75
50	731-1032B	Chute Assembly, Discharge
51	712-0229	Nut, Push, 3/8
52	710-0599†	Screw, 1/4-20, 0.500
53	783-1146A†	Deck Skirt
54	721-04041†	Water Nozzle Adapt

**IMPORTANT**  
 For a proper working machine, use Factory Approved Parts. **V-belts** are designed to engage and disengage safely. A substitute (non OEM) V-belt can be dangerous by not disengaging completely.

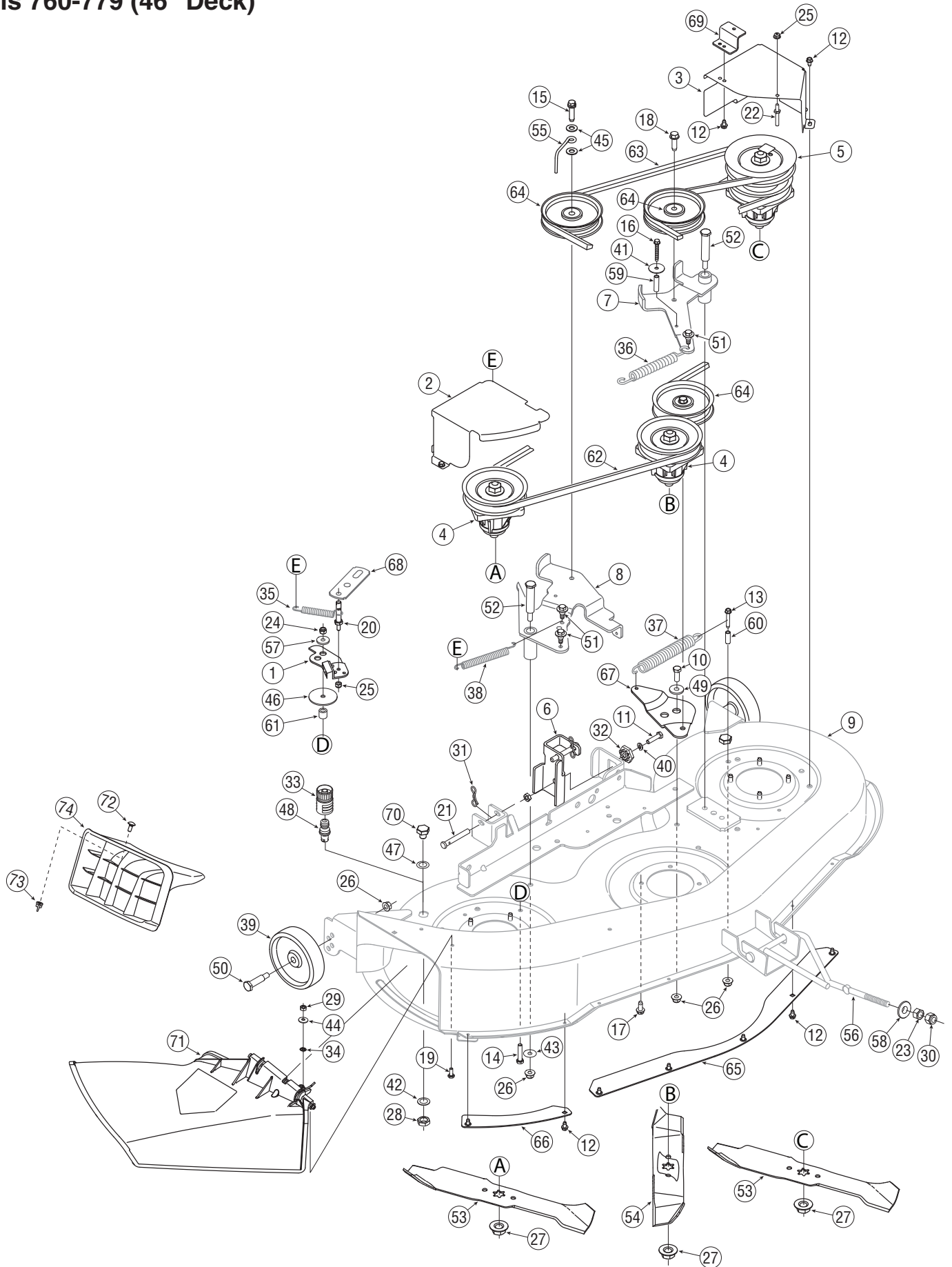
**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

## Illustrated Parts List



To order replacement parts, call the Customer Service Line at 1-800-800-7310, or visit [www.mtdproducts.com](http://www.mtdproducts.com)

Models 760-779 (46" Deck)



Ref. No.	Part No.	Description
1	17116	Deck Brake Assembly
2	17258E	Deck Belt Cover RH
3	783-1348D	Deck Belt Cover LH
4	618-0240A	Spindle Assembly
5	618-04134B	Double Pulley Spindle Assy.
6	683-0254B	Deck Hanger Bracket Assy.
7	683-04250A	Idler Bracket Assembly LH
8	683-04251A	Idler Bracket Assembly RH
9	683-04306	Deck Assembly
10	710-0514	Hex Screw, 3/8-16 x 1.00
11	710-0528	Hex Screw, 5/16-18 x 1.25
12	710-0599	Screw, 1/4-20 x .50
13	710-0778	Screw, 1/4-20 x 1.50
14	710-0805	Hex Screw, 5/16-18 x 1.50
15	710-1007	Sems Screw, 3/8-16 x 1.50
16	710-1026	Screw, 1/4-20 x 1.75
17	710-1260A	Screw, 5/16-18, .750
18	710-1315	Screw, 3/8-16, x 1.25
19	710-3015	Screw, 1/4-20 x .75
20	711-04636	Pin, 1/4-20: 3/8 x 2.685
21	711-04669	Clevis Pin, 3/8 dia. x 2.75
22	711-0993	Belt Guard Pin, 1/4 x 1.43 lg.
23	712-0206	Hex Nut, 1/2-13
24	712-04063	Flange Lock Nut, 5/16-18
25	712-04064	Flange Lock Nut, 1/4-20
26	712-04065	Flange Lock Nut, 3/8-16
27	712-0417A	Flange Nut, 5/8-18
28	712-0641	Hex Nut, M16-1.5
29	712-3006	Hex Nut, 1/4-20
30	712-3083	Hex Lock Nut, 1/2-13
31	714-04043	Bow-Tie Cotter Pin
32	717-04074	Deck Adjustment Gear
33	721-04041 †	Water Nozzle Adapter
34	726-0233	Push Nut, .25 ID x .50 OD
35	732-0429A	Extension Spring, .50 x 3.97 Lg.
36	732-04400	Extension Spring, .75 x 6.835 Lg.
37	732-0594A	Extension Spring, .91 x 7.33 Lg.

Ref. No.	Part No.	Description
38	732-0814	Extension Spring, .56 x 5.52 lg.
39	734-0973	Deck Wheel 5.0 x 1.38
40	736-0119	Lock Washer, 5/16
41	736-0211	Flat Washer, .285 x 1.25 x .06
42	736-0225	Lock Washer, 5/8 Int. Tooth
43	736-0258	Flat Washer, .385 x 1.0 x .135
44	736-0270	Bell Washer, .265 x .75 x .062
45	736-0300	Flat Washer, .406 x .875 x .059
46	736-0418A	Flat Washer, .406 x .875 x .059
47	736-0187	Flat Washer, .64 x 1.24 x .06
48	737-04003C †	Deck Water Nozzle
49	738-0347	Shoulder Spacer, .625 ID x .169
50	738-0373	Shoulder Bolt .496 x 1.525: 3/8-16
51	738-04091	Shoulder Screw .43 x .29:5/16-18
52	738-04216A	Shoulder Bolt .625 x 2.515: 3/8-16
53	742-0611A	Blade, 3 in 1 star, 16.28" Lg.
54	742-0612A	Blade, 3 in 1 star, 14.88" Lg.
55	747-04530	Belt Keeper Rod
56	747-04645	Front Deck Adjustment Rod
57	748-0234	Shoulder Spacer
58	748-04069	Deck Lift Pivot Cup
59	750-04456	Spacer, .260 x .372 x 1.420 Lg.
60	750-0566A	Spacer, .260 x .372 x 1.030 Lg.
61	750-1320	Spacer, .375 x .63 x .595 Lg.
62	754-0349	V-Belt, 79.10 Lg.
63	754-04142	V-Belt, 91.4 Lg.
64	756-04129	Idler Pulley, 4.25" dia.
65	783-0141	Center Deck Skirt
66	783-0142	RH Deck Skirt
67	783-04641A	Idler Bracket
68	783-05321	Brake Bracket
69	783-05360	Deck Stop Bracket
70	738-04146	Bolt Plug, M16 x 1.5
71	731-1032B	Discharge Chute
72	710-0134 †	Carriage Screw, 1/4-20 x .62
73	712-3087 †	Wing Nut, 1/4-20
74	731-05264 †	Mulch Plug, 46" Deck

† If Equipped

**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

## Illustrated Parts List

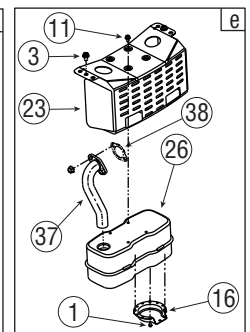
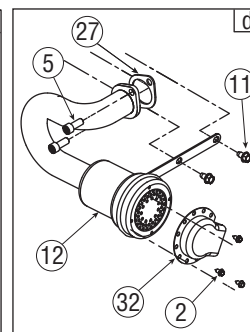
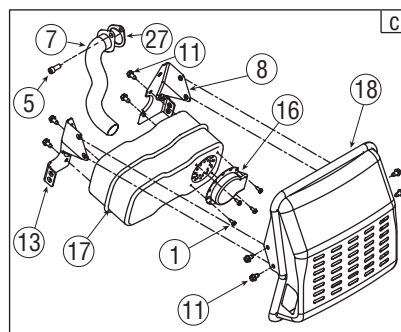
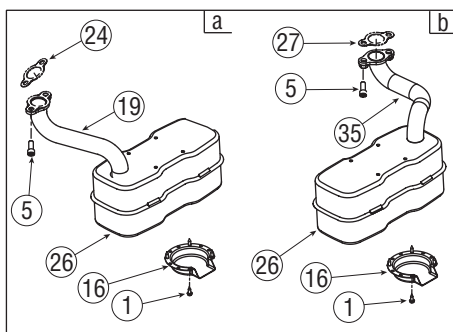
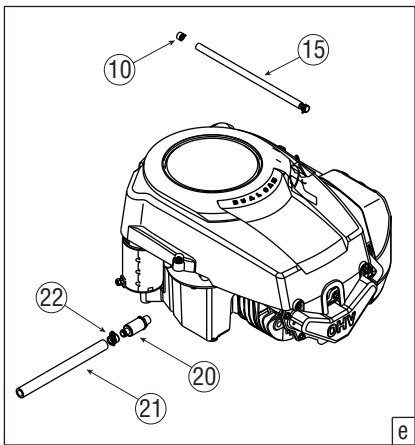
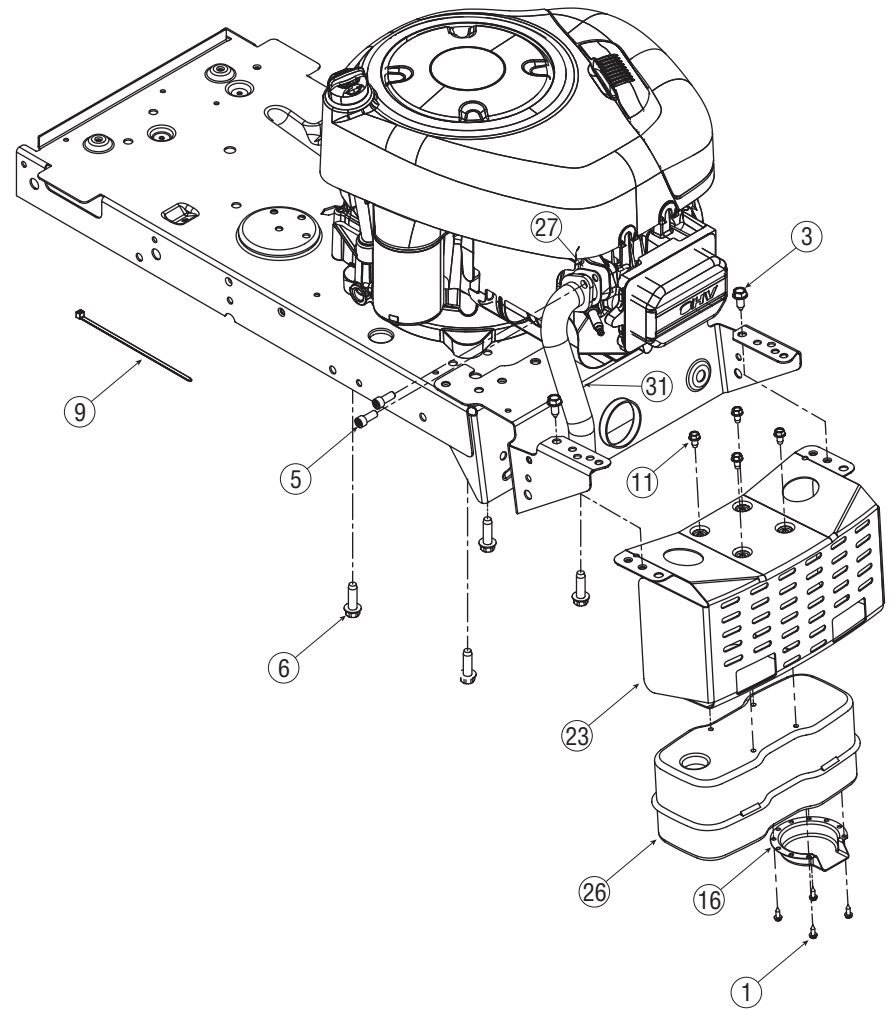
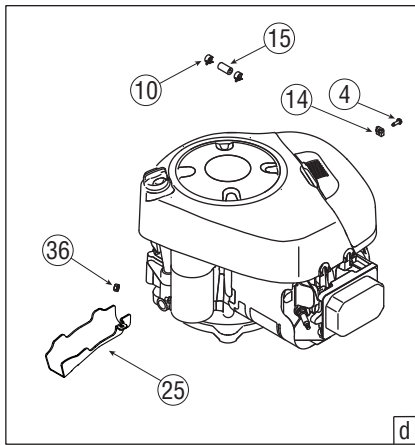
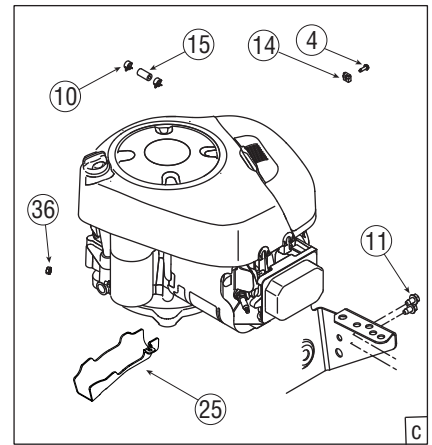
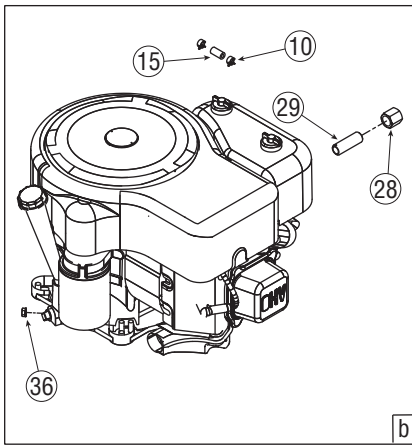
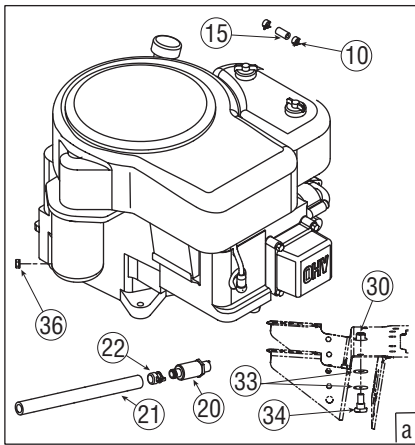


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### IMPORTANT

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Models 760-779





Ref. No.	Part No.	Description
1	710-0227	Screw, #8-18 x .50
2	710-1502	Screw, #8-18 x .375
3	710-0604A	Self-tapping Screw, 5/16-18, .625
4	710-1237	Screw, #10-32, .625
5	710-1314A	Socket Cap Screw, 5/16-18, .625
6	710-1315	Self-tapping Screw, 3/8-16, 1.25
7	751-10013	Exhaust Pipe
8	783-04573	LH Muffler Bracket
9	725-0157	Cable Tie, 7.4"
10	726-0205	Hose Clamp, .490
11	710-0599	Screw, 1/4-20, 0.500
12	751-9986A	Muffler, Bug
13	783-04574	RH Muffler Bracket
14	751B221535	Casing Clamp
15	751-10349	Fuel Line Hose
16	751-0564B	Muffler Deflector
17	751-10162	Muffler, Single Inlet
18	783-04576	Muffler Shield
19	751-0620A	Exhaust Pipe

Ref. No.	Part No.	Description
20	751-3140	Oil Drain Valve
21	751-3141	Oil Drain Hose
22	751-3142	Oil Drain Cap
23	783-0615D	Muffler Heat Shield
24	721-0348	Exhaust Gasket
25	731-05628	Oil Drain Sleeve
26	751-0617B	Muffler, Single Inlet
27	721-0208	Exhaust Gasket
28	737-0143	Oil Drain Cap, 3/8-18
29	737-0199	Oil Drain Pipe, 3/8-16, 2.0
30	712-04065	Flange Lock Nut, 3/8-16
31	751-0619A	Exhaust Pipe
32	751B222261	Muffler Deflector
33	736-0300	Flat Washer, .406 x .875 x .059
34	738-0143	Shldr Screw, .498 x .340 x 3/8-16
35	751-0622A	Exhaust Pipe
36	712-0271	Hex Sems Nut, 1/4-20
37	751-10047	Kohler Courage Exhaust Pipe
38	KH-20-041-12-S	Gasket, Kohler Courage

- (a) Tractor models with Tecumseh Single-cylinder Engine (16 HP - 18 HP)
- (b) Tractor models with Tecumseh Single-cylinder Engine (12 HP - 15 HP)
- (c) Tractor models with Briggs and Stratton OHV Single-cylinder Engine
- (d) Tractor models with Briggs and Stratton OHV Single-cylinder Engine (canister muffler)
- (e) Tractor models with Kohler Single-cylinder Engine (16 HP - 20 HP)

**NOTE:** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

## Illustrated Parts List



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## **NOTES**

*Use this page to make notes and write down important information.*

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For Parts Call 606-678-9623 or 606-561-4983

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MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

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