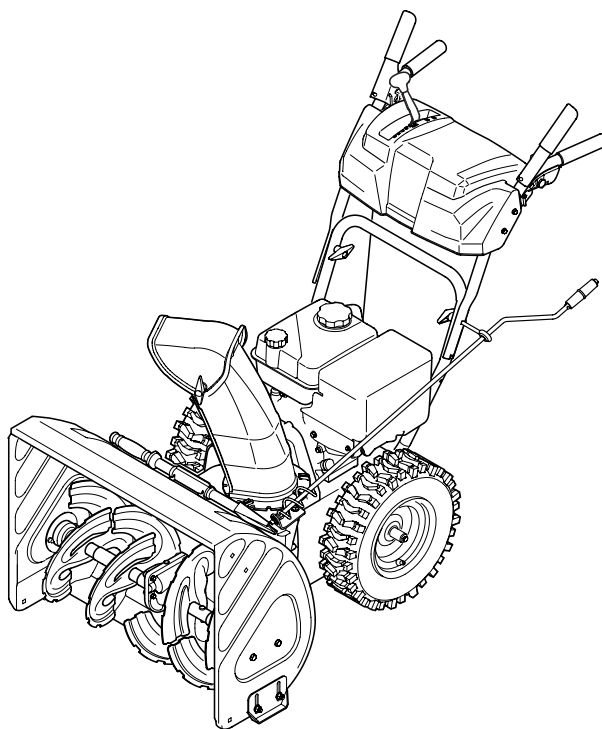


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# ILLUSTRATED PARTS MANUAL



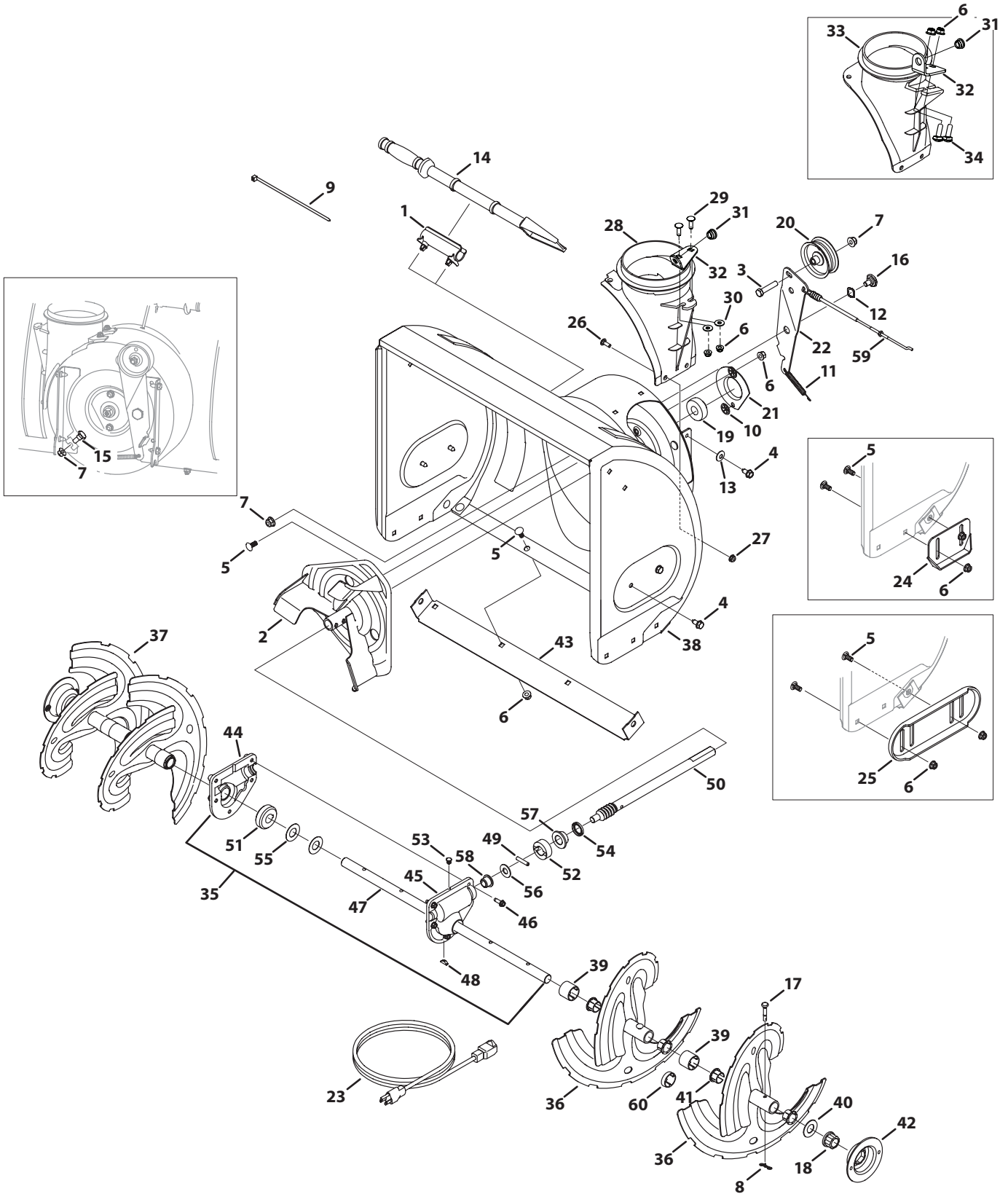
## 600 Series Snow Throwers

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

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# Auger & Auger Housing



## Auger & Auger Housing

Ref.	Part Number	Description
1	731-2635	Cleanout Tool Mount
2	684-04057A-0637	Impeller Assembly, 12"
3	710-0347	Hex Screw, 3/8-16 x 1.75
4	710-04484	Hex Washer Screw, 5/16-18 x .750
5	710-0451	Carriage Bolt, 5/16-18 x .750
6	712-04063	Flange Lock Nut, 5/16-18
7	712-04065	Flange Lock Nut, 3/8-16
8	714-04040	Bow-Tie Cotter Pin
9	725-0157	Cable Tie, 3/16 x .05 x 7.4
10	926-04012	Push Nut, .25 Dia.
11	732-04460	Extension Spring
12	736-0174	Wave Washer, .625 x .885 x .015
13	736-0242	Bell Washer, .340 x .872 x .060
14	731-2643	Chute Cleanout Tool
15	738-0143	Shoulder Bolt, .496 x .336 x 3/8-16
16	938-0281	Shoulder Screw, .625 x .17 x 3/8-16
17	738-04124A	Shear Pin, .25 x 1.50
18	941-0245	Hex Flange Bearing, .75 ID
19	941-0309	Ball Bearing, .75 ID x 1.85 OD
20	756-04224	Idler Pulley, 2.75 OD
21	790-00075	Bearing Housing, 1.85 ID
22	790-00080A-0637	Auger Idler Bracket
23	929-0071	Extension Cord (Electric Start Only)
24	784-5580-0638	Skid Shoe - Red
—	784-5580-0691	Skid Shoe - Black
25	790-00091-0638	Deluxe Skid Shoe - Red
—	790-00091-0691	Deluxe Skid Shoe - Black
26	710-0703	Carriage Screw, 1/4-20 x .75
27	712-04064	Flange Lock Nut, 1/4-20
28	731-04705C	Chute Adapter, 5"
29	710-0276	Carriage Screw, 5/16-18 x 1.00
30	936-0159	Flat Washer, .349 x .879 x .063
31	941-0475	Plastic Bushing, .380 ID
32	784-5647-0637	Chute Crank Bracket
33	731-07117	Chute Crank Bracket, Large Engine

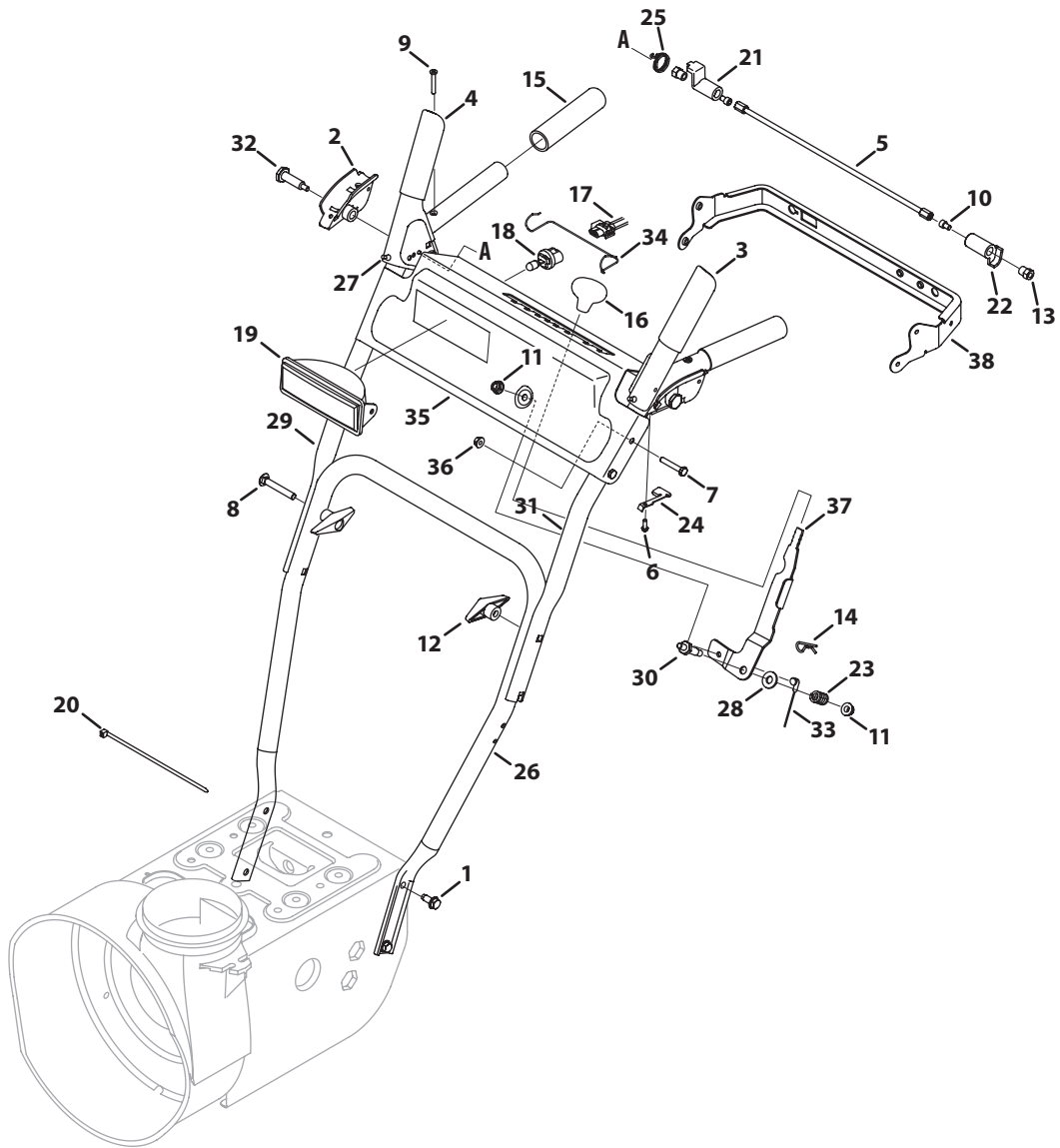
Ref.	Part Number	Description
34	710-04071	Carriage Bolt, 5/16-18 x 1.00
35	918-04171A	Gearbox Assembly, 24"
—	918-04172A	Gearbox Assembly, 26"
—	918-04173A	Gearbox Assembly, 28"
—	918-04165A	Gearbox Assembly, 30"
36	684-04107-0637	Spiral Assembly, LH - Black
—	684-04107-0638	Spiral Assembly, LH - Red
—	684-04107-0662	Spiral Assembly, LH - Grey
37	684-04108-0637	Spiral Assembly, RH - Black
—	684-04108-0638	Spiral Assembly, RH - Red
—	684-04108-0662	Spiral Assembly, RH - Grey
38	684-04265-0638	Auger Housing Assembly, 24"- Red
—	684-04265-0691	Auger Housing Assembly, 24"- Black
—	684-04270-0638	Auger Housing Assembly, 24" (TB)
—	684-04264-0638	Auger Housing Assembly, 26"- Red
—	684-04264-0691	Auger Housing Assembly, 26"- Black
—	684-04271-0638	Auger Housing Assembly, 26" (TB)
—	684-04268-0638	Auger Housing Assembly, 28"- Red
—	684-04268-0691	Auger Housing Assembly, 28"- Black
—	684-04272-0638	Auger Housing Assembly, 28" (TB)
—	684-04267-0638	Auger Housing Assembly, 30"
39	731-04870	Spacer, 1.2500 x .75 ID x 1.00 LG
40	736-0188	Flat Washer, .76 x 1.49 x .06
41	741-0493A	Flange Bushing, .800 ID x .910 OD
42	790-00087A-0637	Bearing Housing, 1"
43	790-00120-0638	Shave Plate, 24" - Red
—	790-00120-0691	Shave Plate, 24" - Black
—	790-00121-0638	Shave Plate, 26"- Red
—	790-00121-0691	Shave Plate, 26"- Black
—	790-00118-0638	Shave Plate, 28" - Red
—	790-00118-0691	Shave Plate, 28" - Black
—	790-00119-0638	Shave Plate, 30"
44	918-0123A	Housing Assembly, RH
45	918-0124A	Housing Assembly, LH
46	710-0642	Hex Washer Screw, 1/4-20 x .750

## Auger & Auger Housing

Ref.	Part Number	Description
47	711-04285	Auger Axle, 24"
—	711-04284	Auger Axle, 26"
—	711-04283	Auger Axle, 28"
—	711-04282	Auger Axle, 30"
48	914-0161	Hi-Pro Key
49	715-04021	Dowel Pin, .25 OD x 1.25 LG
50	917-04126	Worm Shaft, .75 OD
51	717-04449	Worm Gear 20 T, 24" & 26"
—	917-0528A	Worm Gear 20 T, 28" & 30"
52	718-04071	Thrust Collar, .756 ID x .600
53	721-0325	Plug, 1/4 x .437
54	721-0327	Oil Seal, .75 x 1.131 x .188
55	936-0351	Flat Washer, .760 ID x 1.50 ID
56	736-3084	Flat Washer, .51 x 1.12 x .06
57	741-0662	Flange Bearing, .75 ID x 1.0 OD x .59
58	741-0663	Flange Bearing, .50 ID x .75 OD x .59
59	746-04230	Auger Drive Cable
60*	731-04871	Spacer, 1.250 x .75 ID x 3/16 LG

\* 30" models only

# E/F-Style Panel



## E/F-Style Panel

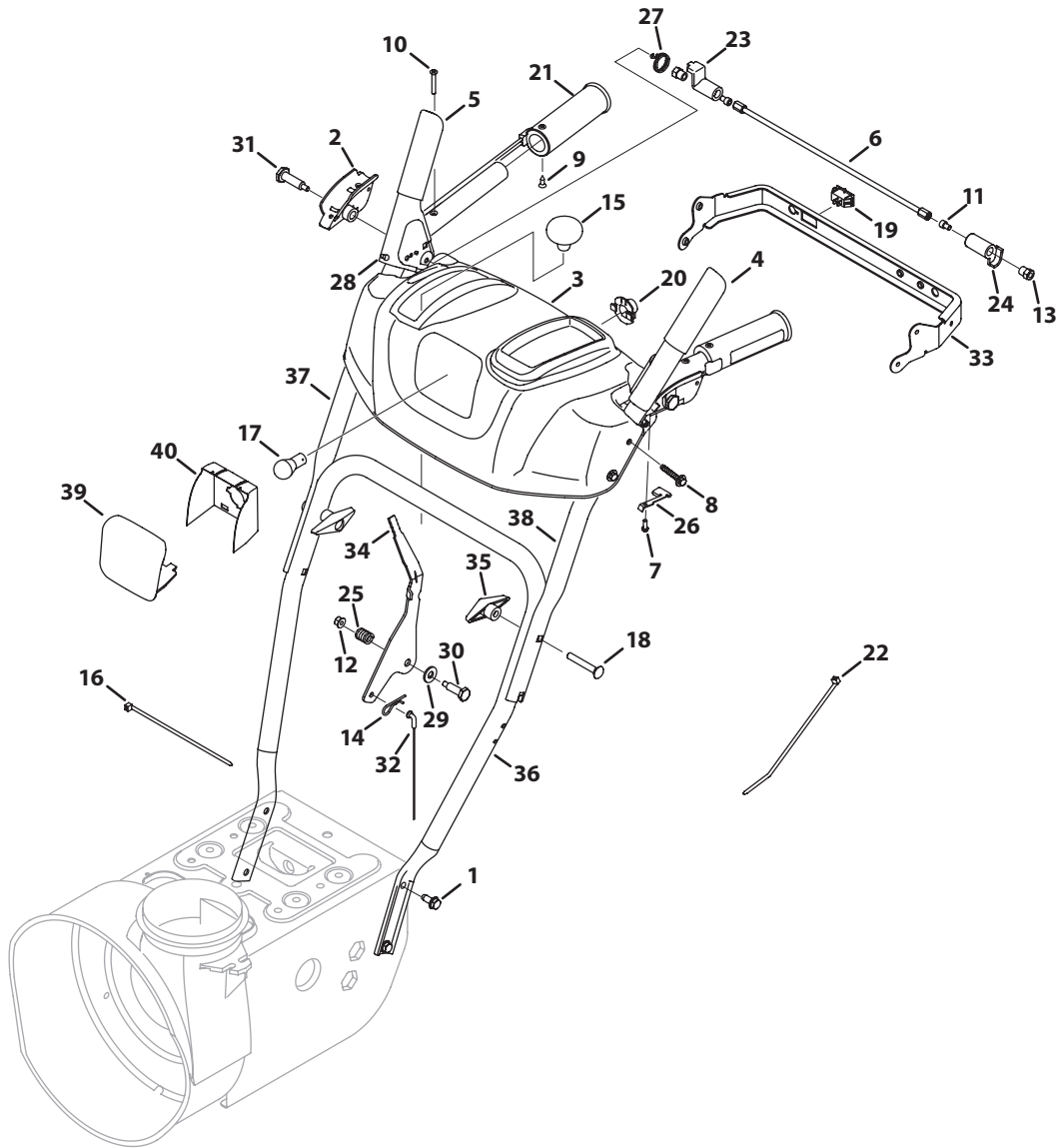
Ref.	Part Number	Description
1	710-04484	Taptite Screw, 5/16-18 x .750
2	631-04133A	Clutch Lock Handle Assembly, LH
—	631-04134B	Clutch Lock Handle Assembly, RH
3	684-04105B	Engagement Assembly, LH
4	684-04106B	Engagement Assembly, RH
5	684-04250	Clutch Pivot Lock Rod Assembly
6	710-04326	Hex Washer Screw, #8-16 x .50
7	710-04586	Hex Washer Screw, 1/4-20 x .625
—	710-0606	Hex Head Screw, 1/4-20 x 1.50 +
8	710-0572	Carriage Screw, 5/16-18 x 2.25
9	710-1233	Machine Screw, #10-24 x 1.375
10	710-3069	Socket Screw, 1/4-20 x .50
11	712-04063	Flange Lock Nut, 5/16-18
12	720-04072A	Wing Knob
13	712-04081A	Hex Nut, 1/4-20
14	914-0145	Click Pin, .092 x 1.64
15	720-0274	Grip, 1.0 ID x 5.0 LG
16	720-04039	Shift Knob
17	725-04622	Snow Thrower Harness ^
18	925-1658	Halogen Lamp ^
19	925-1672	Lens/Lamp Assembly Housing ^

Ref.	Part Number	Description
20	926-0154	Cable Tie
21	731-04894D	Lock Plate
22	731-04896B	Clutch Lock Cam
23	732-0193	Compression Spring, .39 x .60 x .88
24	732-04219C	Clutch Lock Spring
25	732-04238	Torsion Spring, .8156 ID x .3038
26	749-04138A-0637	Lower Handle
27	935-0199A	Rubber Bumper, .62 OD x .22 Thick
28	736-0262	Flat Washer, .385 x .870 x .092
29	749-04190A-0637	Upper RH Handle
30	738-04118	Shoulder Bolt, 5/16-18 x .905
31	749-04191A-0637	Upper LH Handle
32	738-04348	Shoulder Screw, .437 x 1.345 x 1/4-20
33	946-04397A	Speed Selector Cable
34	747-1136	Headlight Retainer ^
35	790-00209-0638	Handle Panel w/ Light ^
—	790-00219-0691	Handle Panel w/o Light
36	712-04064	Flange Lock Nut, 1/4-20 +
37	790-00313-0637	Speed Shift Lever
38	790-00248B-0637	Panel Bracket

+ Models without Clutch Lock

^ Models with Light

# K/L-Style Panel



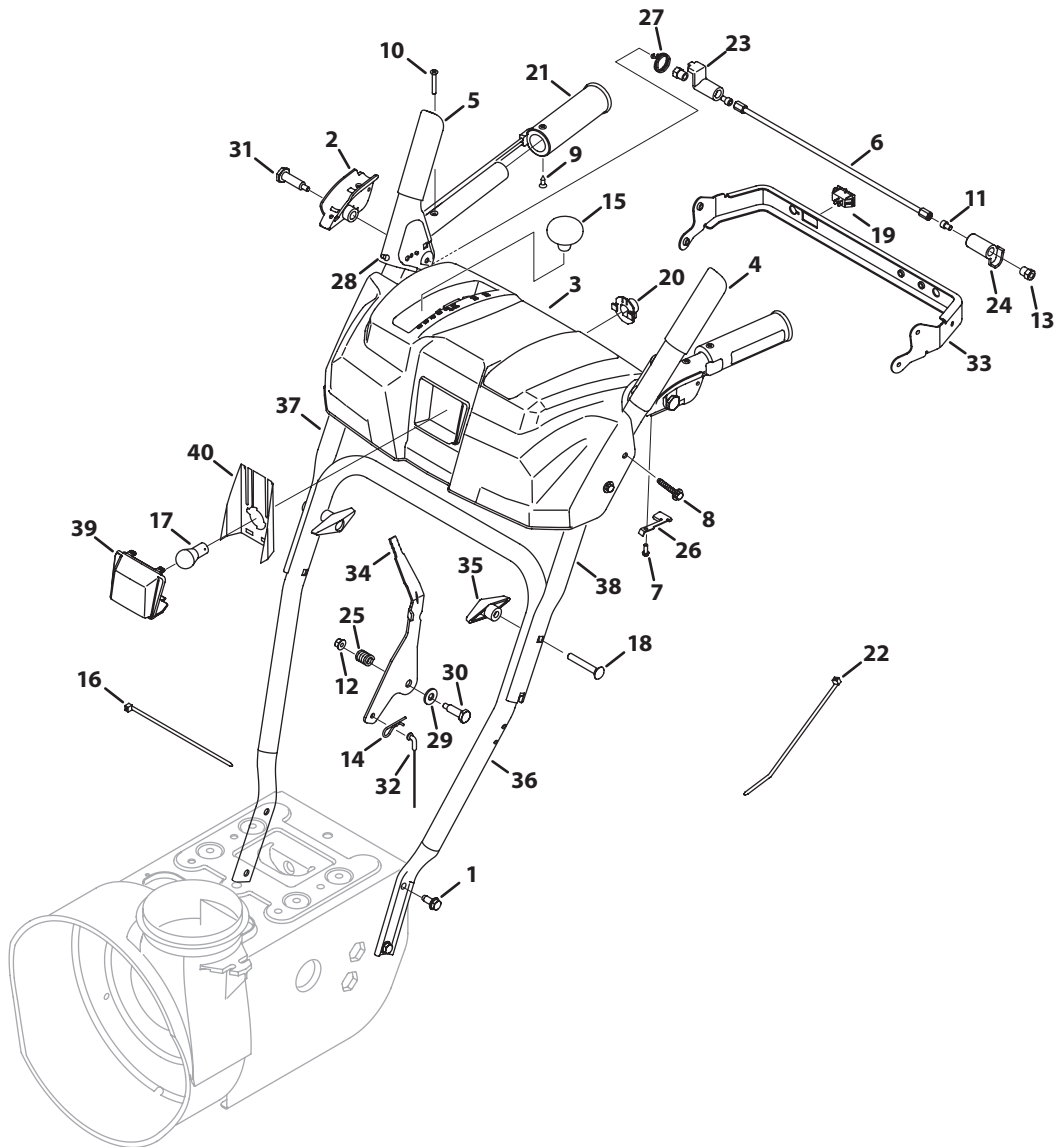
## K/L-Style Panel

Ref.	Part Number	Description
1	710-04484	Screw, Taptite, 5/16-18 x .750
2	631-04134B	Clutch Lock, RH
—	631-04133A	Clutch Lock, LH
3	931-05348	Handle Panel, includes 39 & 40
4	684-04105B	Auger Engage, Black
5	684-04106B	Drive Engage, Black
6	684-04250	Pivot Rod
7	710-04326	Screw, Plastite, 8-16 x .50
8	710-04586	Screw, Taptite, 1/4-20 x 1.625
9	710-0837	Screw, 10-16 x 0.625
10	710-1233	Screw, 10-24 x 1.375
11	710-3069	Screw, 1/4-20 x .50
12	712-04064	Nut, Flangelock, 1/4-20
13	712-04081A	Nut, Hex, 1/4-20
14	914-0145	Click Pin, .092 x 1.64
15	720-04039	Shift Knob
16	725-0157	Cable Tie, 7"
17	925-04213	Lamp, 12.8V, 357cc Engine
—	725-1629	Lamp, 179cc & 208cc Engines
18	710-0572	Screw, Carriage, 5/16-18 x 2.25
19	725-04393	Heated Grip Switch
20	925-1649	Lamp Socket
21	725-1757	Heated Grip

Ref.	Part Number	Description
22	926-0154	Cable Tie, Push Mount
23	731-04894D	Plate, Lock
24	731-04896B	Cam, Clutch Lock
25	732-0193	Compression Spring, .39 x .60 x .88
26	732-04219C	Clutch Lock Spring
27	732-04238	Torsion Spring, 0.8156 x .3038
28	935-0199A	Rubber Bumper
29	936-0267	Washer, Flat, .385 x .87
30	738-04125	Screw, Shield, .374 x 1.05
31	738-04348	Screw, Shoulder, .437 x 1.345 x 1/4-20
32	946-04396A	Speed Selector Cable
33	790-00248B-0637	Panel Bracket
34	790-00311A-0637	Shift Lever
35	720-04072A	Wing Knob
36	749-04138A-0637	Lower Handle
37	749-04190A-0637	Upper RH Handle
38	749-04191A-0637	Upper LH Handle
39	731-05320	Lens Panel
40	777X41803	Lens Label
—	725-04216B	Heated Grips Harness, 357cc Engine
—	725-04694A	Heated Grips Harness, 179cc & 208cc Engines



# N/P/Q-Style Panel

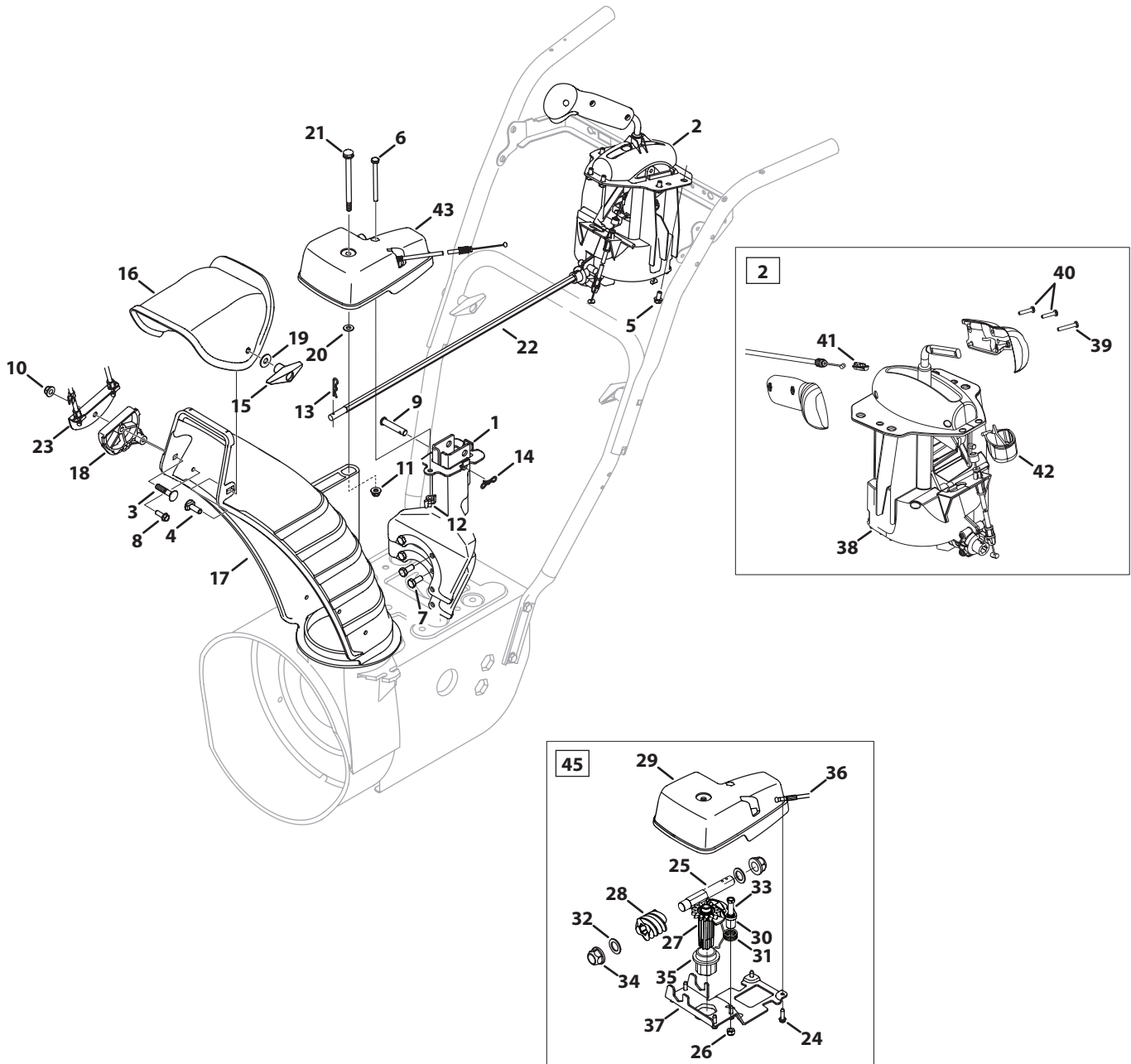


## N/P/Q-Style Panel

Ref.	Part Number	Description
1	710-04484	Screw, Taptite, 5/16-18 x .750
2	631-04134B	Clutch Lock, RH
—	631-04133A	Clutch Lock, LH
3	931-05332A	Handle Panel w/ Light
—	731-05334A	Handle Panel w/o Light
4	684-04105B	Auger Engage
5	684-04106B	Drive Engage
6	684-04250	Pivot Rod
7	710-04326	Screw, Plastite, 8-16 x .50
8	710-04586	Screw, Taptite, 1/4-20 x 1.625
9	710-0837	Screw, 10-16 x 0.625
10	710-1233	Screw, 10-24 x 1.375
11	710-3069	Screw, 1/4-20 x .50
12	712-04064	Nut, Flangelock, 1/4-20
13	712-04081A	Nut, Hex, 1/4-20
14	914-0145	Click Pin, .092 x 1.64
15	720-04039	Shift Knob
16	725-0157	Cable Tie, 7"
17	925-04213	Lamp, 12.8V
—	725-1629	Lamp
18	710-0572	Screw, Carriage, 5/16-48 x 2.25
19	725-04393	Heated Grip Switch

Ref.	Part Number	Description
20	925-1649	Lamp Socket
21	725-1757	Heated Grip
—	720-0274	Grip
22	926-0154	Cable Tie, Push Mount
23	731-04894D	Plate, Lock
24	731-04896B	Cam, Clutch Lock
25	732-0193	Compression Spring, .39 x .60 x .88
26	732-04219C	Clutch Lock Spring
27	732-04238	Torsion Spring, 0.8156 x .3038
28	935-0199A	Rubber Bumper
29	936-0267	Washer, Flat, .385 x .87
30	738-04125	Screw, Shield, .374 x 1.05
31	738-04348	Screw, Shoulder, .437 x 1.345 x 1/4-20
32	946-04396A	Speed Selector Cable
33	790-00248B-0637	Panel Bracket
34	790-00311A-0637	Shift Lever
35	735-0284	Wing Knob
36	749-04138A-0637	Lower Handle
37	749-04190A-0637	Upper RH Handle
38	749-04191A-0637	Upper LH Handle
39	731-05319	Lens Panel, Troy-Bilt
40	777X41805	Lens Label, Troy-Bilt

# 2-Way & 4-Way Extended Chute

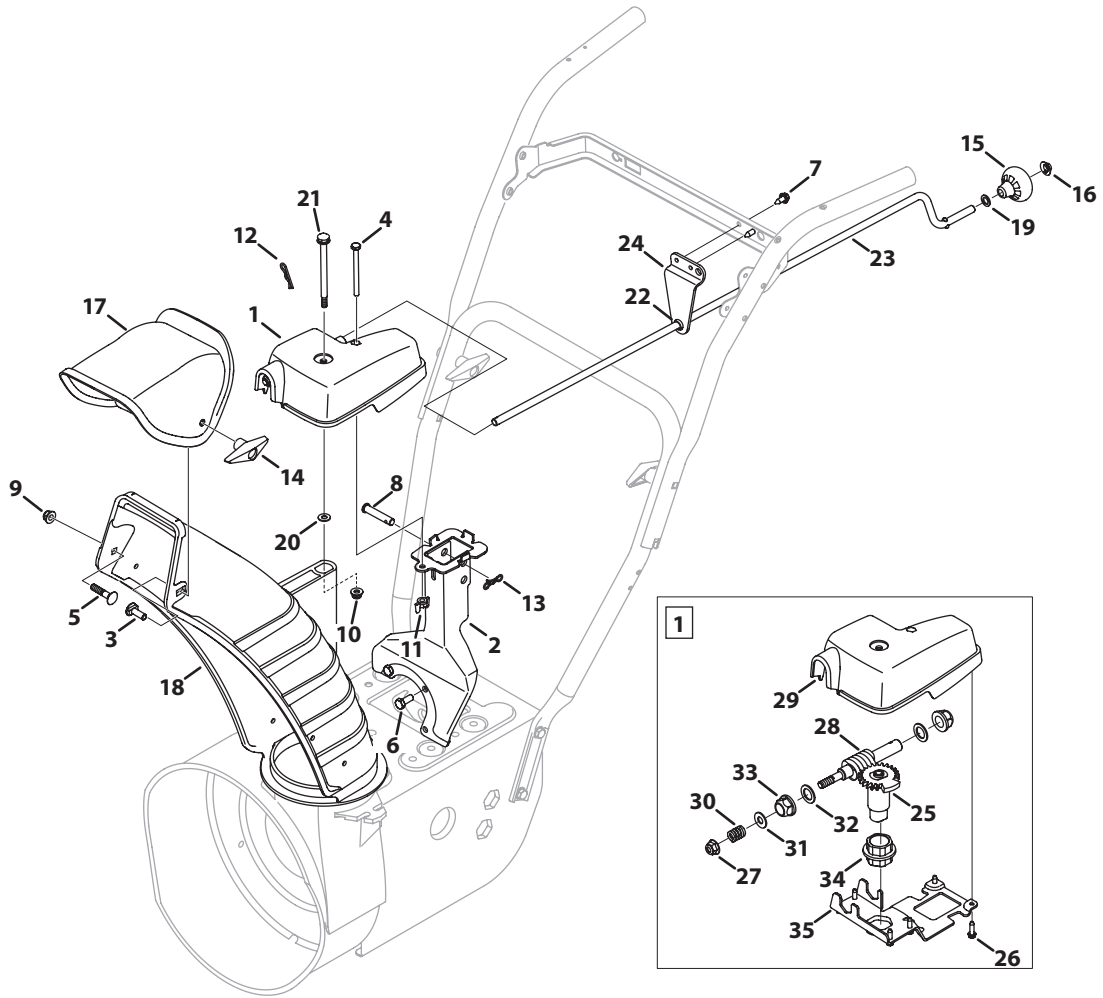


## 2-Way & 4-Way Extended Chute

Ref.	Part Number	Description
1	684-04310A-0637	Chute Support Bracket
—	684-04311A-0637	Chute Support Bracket
2	753-06151	Chute Control, 4-Way
—	753-06154	Chute Control, 2-Way
3	710-0262	Bolt, Carriage, 5/16-18 x 1.50
—	710-0451	Bolt, Carriage, 5/16-18 x .750
4	710-04071	Bolt, Carrier, 5/16-18 x 1.00
5	710-04187	Screw, HL, 1/4-15 x 0.50
6	710-04370	Hex Head Screw, 1/4-20 x 3.00
7	710-0627	Hex Head Screw, 5/16-24 x .750
8	710-0895	Screw, HL, 1/4-15 x 0.750
9	711-04469A	Clevis Pin, 3/8 x 1.87
10	712-04063	Nut, Flangelock, 5/16-18
11	712-04064	Nut, Flangelock, 1/4-20
12	712-3087	Wing Nut, 1/4-20
13	914-0101	Internal Cotter Pin
14	714-04040	Bow-Tie Cotter Pin
15	720-04072A	Star Knob, 5/16-18
16	731-04427A	Chute, Upper
—	731-04426A	Chute, Upper
17	731-06440A	Chute, Lower
18	731-06451	Cable Guide, Chute Tilt
19	936-0159	Washer, Flat, .349 x .879
20	736-04446	Washer, Flat, .25 x .630

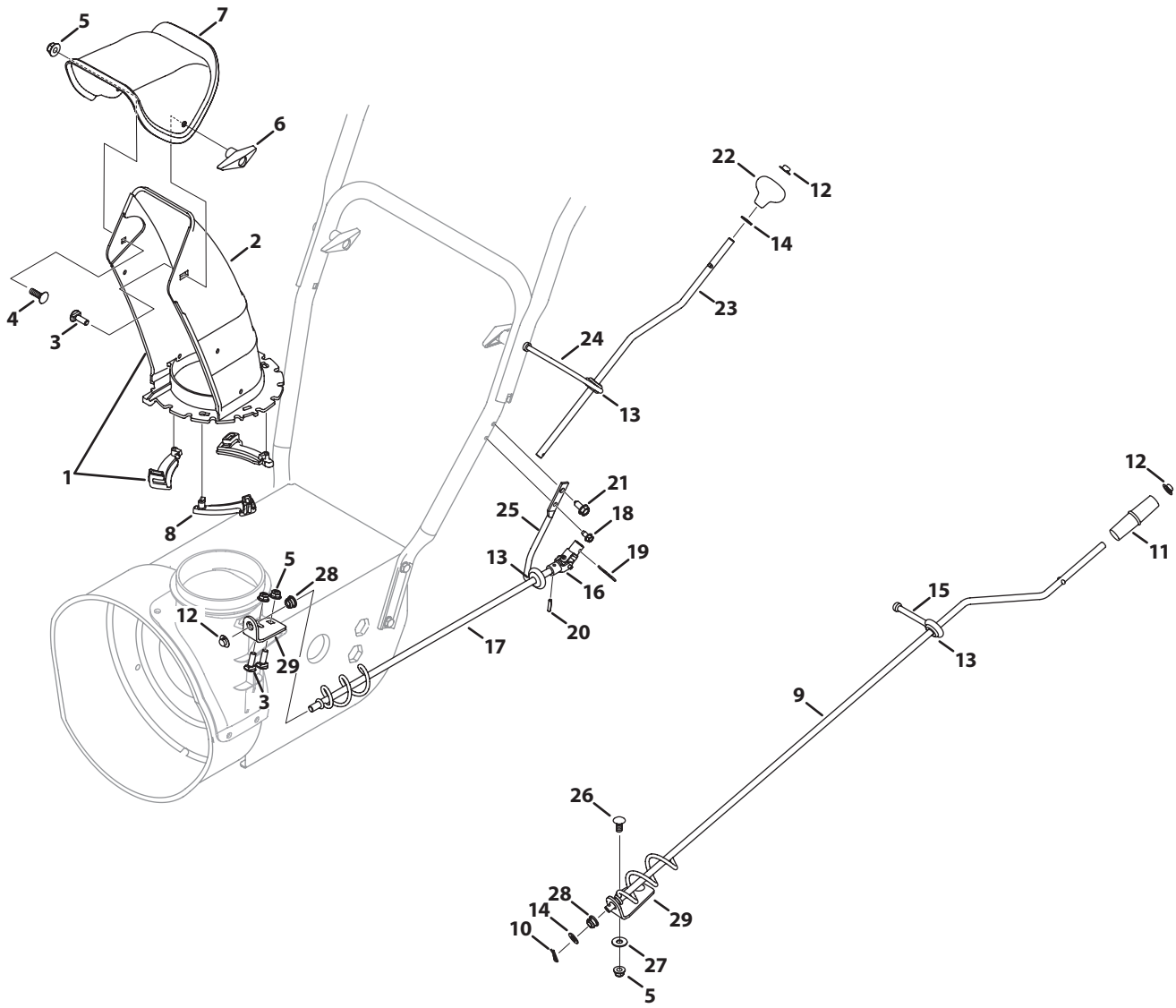
Ref.	Part Number	Description
21	738-04367	Screw, Shoulder, .312 x 3.5 x 1/4-20
22	747-05116	Chute Rod, 3/8 Hex
23	784-5594-0637	Cable Bracket
24	710-04373A	Screw, 12-16 x .75
25	711-05186	Hex Shaft
26	712-0896	Hexlock Nut, 1/4-28
27	717-04667	Gear, 14 T
28	717-04672	Worm
29	731-06906	Gear Cover
30	731-06943	Pawl Lock
31	732-04638B	Torsion Spring, .721 ID x .474
32	736-0290	Washer, Flat, .625 x 1.0 x .067
33	738-04391	Screw, Shoulder, .340 x .950 x 1/4-28
34	941-0225	Hex Bearing
35	741-04388	Flange Bearing
36	946-04619A	Cable Lock
37	790-00342A-0637	Gear Bracket
38	984-04338	Chute Control, 4-Way
—	984-04348	Chute Control, 2-Way
39	710-04353	Screw, #8 x 1.00
40	710-04879	Screw, 8-32 x .750
41	731-04893A	Joystick Plug
42	731-07031	Joystick Trigger
43	918-04801	Chute Rotation Gearbox

# Extended Chute



Ref.	Part Number	Description
1	918-04748	Chute Rotation Gear Box
2	684-04310A-0637	Chute Support Bracket
3	710-04071	Carriage Bolt, 5/16-18 x 1.00
4	710-04370	Hex Screw, 1/4-20 x 3.00
5	710-0451	Carriage Bolt, 5/16-18 x .750
6	710-0627	Hex Lock Screw, 5/16-24 x .750
7	710-1652	Hex Washer Screw, 1/4-20 x .625
8	711-04469A	Clevis Pin, 3/8-1.87
9	712-04063	Flange Lock Nut, 5/16-18
10	712-04064	Flange Lock Nut, 1/4-20
11	712-3087	Wing Nut, 1/4-20
12	914-0101	Cotter Pin, .08 x 1.42
13	714-04040	Bow-tie Cotter Pin
14	720-04072A	Wing Knob, 5/16-18
15	720-04102	Shift Knob, .390
16	926-0100	Push Cap, 3/8
17	731-04426A	Upper Chute
18	731-06440A	Lower Chute, 5.0
19	936-0185	Flat Washer, .375 x .738 x .063
20	736-04446	Flaw Washer, .25 x .630 x .0515
21	738-04367	Shoulder Screw, .312 x 3.5 x 1/4-20
22	941-0475	Plastic Bushing, .380 ID
23	747-05006-0637	Chute Crank
24	790-00341-0637	Support Rod Bracket
25	684-04336A	Gear Assembly
26	710-04373A	Screw, 12-16 x .75
27	712-04065	Flange Lock Nut, 3/8-16
28	917-04636	Worm Shaft
29	731-06618	Gear Cover
30	732-0193	Compression Spring, .39 x .60 x .88
31	936-0267	Flat Washer, .385 x .87 x .06
32	736-0290	Flat Washer, .625 x 1.0 x .067
33	941-0225	Hex Bearing
34	741-04354	Flange Bearing
35	790-00342A-0637	Gear Bracket

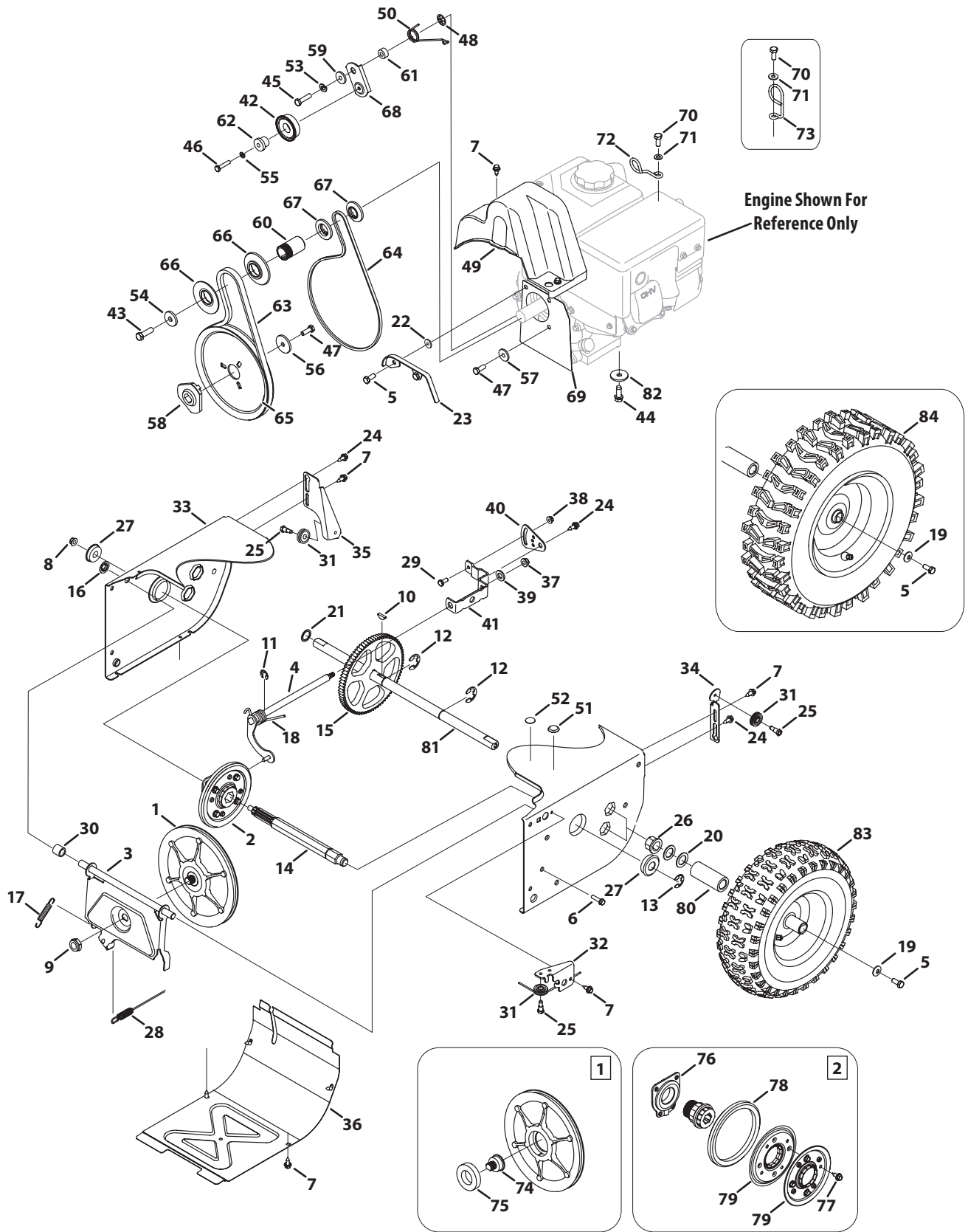
# Standard 2-Way Chute



Ref.	Part Number	Description
1	631-04131B	Lower Chute Assembly
2	731-04912B	Lower Chute
3	710-04071	Carriage Bolt, 5/16-18 x 1.00
4	710-0451	Carriage Bolt, 5/16-18 x .750
5	712-04063	Flange Lock Nut, 5/16-18
6	720-04072A	Wing Knob
7	731-04426A	Upper Chute
8	731-04869A	Flange Keeper
9	684-04104-0637	Chute Crank
10	914-0104	Cotter Pin, .072 x 1.13
11	720-0201A	Crank Knob
12	926-0100	Push Cap, 3/8
13	735-0234	Rubber Grommet
14	936-0185	Flat Washer, .375 x .738 x .063
15	747-04263	Eye Bolt
16	684-04350	Joint Assembly
17	684-04351	Chute Crank
18	710-0599	Taptite Screw, 1/4-20 x .500
19	914-0101	Cotter Pin, .08 x 1.42
20	715-04095	Pin, .156 x .875
21	710-04484	Taptite Screw, 5/16-18 x 2.25
22	720-04102	Shift Knob
23	747-05154	Upper Chute Rod
24	747-05157	Chute Rod Eye Bolt
25	747-05159	Lower Chute Rod
26	710-0276	Carriage Screw, 5/16-18 x 1.00
27	936-0159	Flat Washer, .349 x .879 x .063
28	941-0475	Plastic Bushing, .380 ID
29	784-5647-0637	Chute Crank Bracket



# Drive System



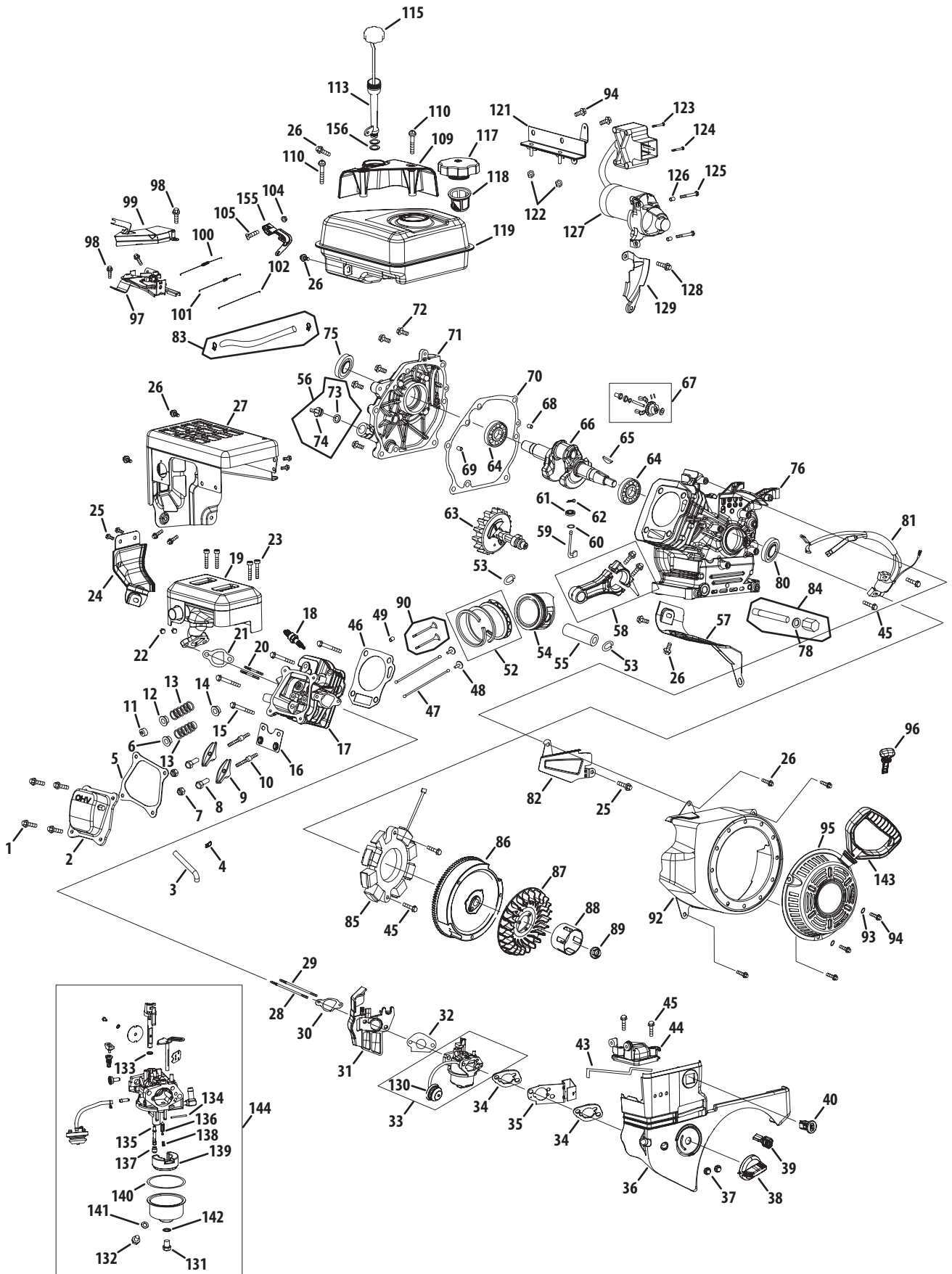
Ref.	Part Number	Description
1	656-04025A	Disc Assembly, Friction Wheel
2	684-04153	Friction Wheel Assembly, 5.5 OD
3	684-04154-0637	Friction Wheel Support Bracket
4	684-04156A	Rod Shift Assembly
5	710-0627	Hex Head Screw, 5/16-24 x .750
6	710-0788	Taptite Screw, 1/4-20 x 1.000
7	710-1652	Taptite Screw, 1/4-20 x .625
8	712-04065	Flange Lock Nut, 3/8-16
9	712-0417A	Flange Nut, 5/8-18
10	914-0126	Hi-pro Key, 3/16 x 3/4 Dia.
11	916-0104	E-Ring
12	716-0136	Retaining E-Ring, .875 Dia.
13	916-0231	E-Ring, .750 Dia.
14	917-04209A	Hex Shaft, 7-Tooth
15	917-04230	Gear, 80-Tooth
16	726-0221	Speed Nut, .500
17	932-0264	Extension Spring
18	732-04311	Torsion Spring, .750 x .968
19	736-0242	Bell Washer, .340 x .872 x .060
20	936-0287	Flat Washer, .793 x 1.24 x .060
21	736-04161	Flat Washer, .75 x 1.00 x .060
22	936-0140	Washer, Flat, .385 x .62 x .063
23	731-07101	Belt Cover
24	738-04184A	Shoulder Screw, .368 x .113, 1/4-20
25	738-0924A	Shoulder Screw, 1/4-28, .340 x .355
26	941-0245	Hex Flange Bearing
27	941-0563	Ball Bearing, 17 x 40 x 12
28	746-04229	Wheel Clutch Cable, 44.95"
29	710-0751	Hex Head Screw, 1/4-20 x .620
30	748-0190	Spacer, .508 ID x .75 OD x .68
31	756-0625	Cable Roller
32	790-00096-0637	Auger Cable Front Guide Bracket
33	790-00180A-0638	Frame - Red
—	790-00180A-0691	Frame - Black
34	790-00206A-0637	Auger Cable Guide Bracket
35	790-00207B	Drive Cable Guide Bracket
36	790-00316-0638	Frame Cover - Red
—	790-00316-0691	Frame Cover - Black
37	712-04063	Flange Lock Nut, 5/16-18

Ref.	Part Number	Description
38	712-04064	Flange Lock Nut, 1/4-20
39	936-3015	Washer, Flat, .469 x .875 x .105
40	790-00217A-0637	Speed Selector Pivot Bracket
41	790-00218A-0637	Speed Selector Shift Bracket
42	684-04169	Idler Pulley Assembly
43	710-0191	Hex Screw, 3/8-24 x 1.25
44	710-0654A	Sems Screw, 3/8-16 x 1.00
45	710-0672	Hex Screw, 5/16-24 x 1.25
46	710-0809	Hex Screw, 1/4-20 x 1.25
47	710-1245B	Hex Screw, 5/16-24 x .875
48	926-04012	Push-on Nut, .25 Dia.
49	731-06401	Belt Cover
—	731-05353	Belt Cover
—	731-04792A	Belt Cover
50	732-04308A	Torsion Spring, .850 ID x .333
51	735-04099	Plug, 3/8 ID
52	735-04100	Plug, 1/2 ID
53	936-0119	Lock Washer, 5/16
54	736-0247	Flat Washer, .406 x 1.25 x .157
55	936-0329	Washer, Lock, 1/4
56	736-0505	Flat Washer, .34 x 1.50 x .150
57	748-0234	Shoulder Space
58	748-04053A	Adapter Pulley, .75 Dia.
59	748-04112B	Shoulder Spacer, .3175 x .5 x .0975
60	750-04303	Spacer, .875 ID x 1.185 OD
61	750-04477A	Spacer, .340 x .750 x .330
62	750-04571	Shoulder Space, .260 x .785 x .538
63	954-04195	Auger Drive Belt
—	954-04050	Auger Drive Belt
64	954-04201	Wheel Drive Belt
—	954-0367	Wheel Drive Belt
65	756-04109	Auger Drive Pulley, 8.1 x .5
66	756-04113	Pulley Half, 2.600 OD
67	756-04252	Pulley Half, 3/8 x 1.716 OD
68	790-00208C	Wheel Drive Idler Bracket
69	790-00332-0637	Cover Plate
—	790-00289A-0637	Cover Plate
70	710-04022	Hex Head Screw, 1.25 x 20
71	936-0264	Washer, Flat, .330 x .630 x .0635

## Drive System

Ref.	Part Number	Description
72	732-04677	Cable Guide
73	732-0705	Cable Guide
74	738-04164A	Disc Bearing Friction Pin
75	741-04098	Ball Bearing, 30 x 55 x 13
76	618-0063A	Bearing Assembly
77	710-0896	Screw, 1/4-14 x .625
78	935-04054	Friction Wheel Rubber
79	790-00174	Friction Wheel Plate
80	731-04873	Spacer, 1.25 x .75 x 3.0
81	938-04168	Axle, .75 x 22
82	736-0320	Washer, Flat, .38 x 1.38 x .125
83	634-04144A-0911	Snow Hog Wheel, 13 x 4 x 6
—	634-04142A-0911	Snow Hog Wheel, 15 x 5 x 6
—	634-04141-0911	Snow Hog Wheel, 15 x 4.8
84	634-04167A-0911	X-Trac Wheel, 13 x 4 x 6, LH
—	634-04168A-0911	X-Trac Wheel, 13 x 4 x 6, RH
—	634-04147A-0911	X-Trac Wheel, 15 x 5 x 6, LH
—	634-04148A-0911	X-Trac Wheel, 15 x 5 x 6, RH
—	634-04145-0911	X-Trac Wheel, 16 x 4.8 x 8, LH
—	634-04146-0911	X-Trac Wheel, 16 x 4.8 x 8, RH

# 179 cc ZS 365-SUB Engine



## 179 cc ZS 365-SUB Engine

Ref. No.	Part No.	Description
1	951-11012	Bolt
2	951-11054	Valve Cover
3	731-07059	Breather Hose
4	726-04101	Hose Clamp
7	751-11124	Pivot Locking Nut
8	751-11123	Valve Adjusting Nut
10	710-04902	Pivot Bolt
15	710-04933	Bolt
18	951-10292	Spark Plug
19	951-11282	Muffler Assembly
20	710-05001	Stud
21	951-11285	Muffler Gasket
22	712-04214	Nut
23	710-05002	Bolt
24	951-11111	Exhaust Pipe Shield
25	710-04940	Bolt
26	710-04915	Bolt
27	951-10642A	Muffler Shroud
28	710-04939	Stud, M6 x117
29	710-04910	Stud, M6 x 105
33	951-10974	Carburetor Assembly
35	951-11112	Choke Control Bracket
36	951-10634	Engine Shroud
37	712-04213	Nut
38	951-11284	Choke Knob
39	951-10757	Throttle Control Knob
40	951-10637	Ignition Switch
43	951-10640	Choke Push Rod
44	951-10635	Heater Box
45	710-04919	Bolt
47	951-10648	Push Rod Kit
49	715-04090	Dowel Pin
56	951-11283	Oil Fill Plug Assembly
57	951-11113	Air Shield
59	951-11356	Governor Arm Shaft
60	736-04461	Washer
62	714-04078	Cotter Pin
64	751-11369	Radial Ball Bearing
65	951-10307	Flywheel Key
68	715-04092	Dowel Pin, 7 x 14
69	715-04089	Dowel Pin, 9 x 14
70	951-11371	Crankcase Cover Gasket

Ref. No.	Part No.	Description
72	710-04932	Cover Bolt
75	951-11368	Oil Seal
78	736-04440	Washer
80	751-11370	Oil Seal
81	951-10646	Ignition Coil
82	951-11110	Air Flow Shield
83	951-10650	Fuel Line Kit
84	951-10641	Oil Drain Assembly, includes 78
85	951-10719	Stator
86	951-10805	Flywheel
87	951-10909	Cooling Fan
88	951-10911	Starter Cup
89	712-04209	Nut
90	951-10647	Valve Kit
92	951-10663A	Blower Housing
93	736-04455	Washer
94	710-04914	Bolt
95	951-10658	Recoil Starter Assembly
96	731-05632	Ignition Key
97	951-10758	Throttle Control Assembly
98	710-04928	Bolt
99	951-11108	Governor Shield
100	951-10654	Governor Spring
101	951-10664	Throttle Return Spring
102	951-10665	Governor Rod
104	712-04216	Nut
105	710-04929	Bolt
109	951-10662	Engine/Dipstick Cover
110	710-04905	Bolt
113	951-10656	Dipstick Tube
115	951-10655	Dipstick
117	951-10649	Fuel Cap Assembly
118	951-10652	Fuel Filter
119	951-10653A	Fuel Tank
121	951-11114	Switch Housing MTG Bracket
122	712-04212	Nut
123	710-04934	Bolt, M4 x 55
124	710-04935	Bolt, M4 x 60
125	710-04943	Bolt
126	715-04088	Dowel Pin
127	951-10645A	Electric Starter
128	710-05003	Bolt

# 179 cc ZS 365-SUB Engine

Ref. No.	Part No.	Description
129	951-11109	Blower Housing Shield
130	951-10639	Primer
131	710-04945	Bolt
132	710-04938	Drain Bolt
143	731-05696	Starter Handle
155	951-11106	Governor Arm Bracket
156	951-11380	O-Ring
—	951-11176	Starter Pinion Shaft (Not Shown)
—	951-10651	Fuel Tank Nipple (Not Shown)
—	952Z365-SUB	Engine, Complete
20	951-10657	Muffler Stud Assembly
20	710-05001	Stud
56	951-11283	Oil Fill Plug Assembly
73	—	O-Ring
74	—	Oil Fill Plug
144	951-11020	Carburetor Kit, Major
133	—	Gasket, Throttle Plate
134	—	Float Pin
135	—	Emulsion Tube
136	—	Needle Valve
137	—	Main Jet
138	—	Needle Valve Spring
139	—	Float
140	—	Fuel Bowl Gasket
141	—	Fuel Drain Plug Gasket
142	—	Fuel Bowl Gasket
—	951-11061A	Gasket Kit, Complete
5	—	Head Cover Gasket
21	951-11285	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
32	—	Carburetor Gasket
34	—	Carburetor Gasket Plate
46	—	Cylinder Head Gasket
60	736-04461	Washer
61	—	Governor Seal
62	714-04078	Cotter Pin
70	951-11371	Crankcase Cover Gasket
75	951-11368	Oil Seal
78	736-04440	Washer
80	951-11370	Oil Seal

Ref. No.	Part No.	Description
—	951-11062A	Short Block Assembly
5	—	Head Cover Gasket
21	951-11285	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
46	—	Cylinder Head Gasket
48	—	Tappet
49	715-04090	Dowel Pin
52	—	Piston Ring Set
53	—	Piston Pin Snap Ring
54	—	Piston
55	—	Piston Pin
58	—	Connecting Rod Assembly
59	951-11356	Governor Arm Shaft
60	736-04461	Washer
61	—	Governor Seal
62	714-04078	Cotter Pin
63	—	Camshaft Assembly
64	951-11369	Radial Ball Bearing
65	951-10307	Flywheel Key
66	—	Crankshaft Assembly
67	—	Governor Gear/Shaft Assembly
68	715-04092	Dowel Pin
69	715-04089	Dowel Pin
70	951-11371	Crankcase Cover Gasket
71	—	Cover Complete, Left Crankcase
72	710-04932	Bolt
73	—	Oil Filler Plug
74	—	O-Ring
75	951-11368	Oil Seal
76	—	Crankcase
77	—	Oil Drain Pipe
78	736-04440	Washer
79	—	Oil Drain Plug Washer
80	951-11370	Oil Seal
—	951-11248	Crankcase Kit
61	—	Governor Seal
64	951-11369	Radial Ball Bearing
70	951-11371	Crankcase Cover Gasket
76	—	Crankcase
80	951-11370	Oil Seal

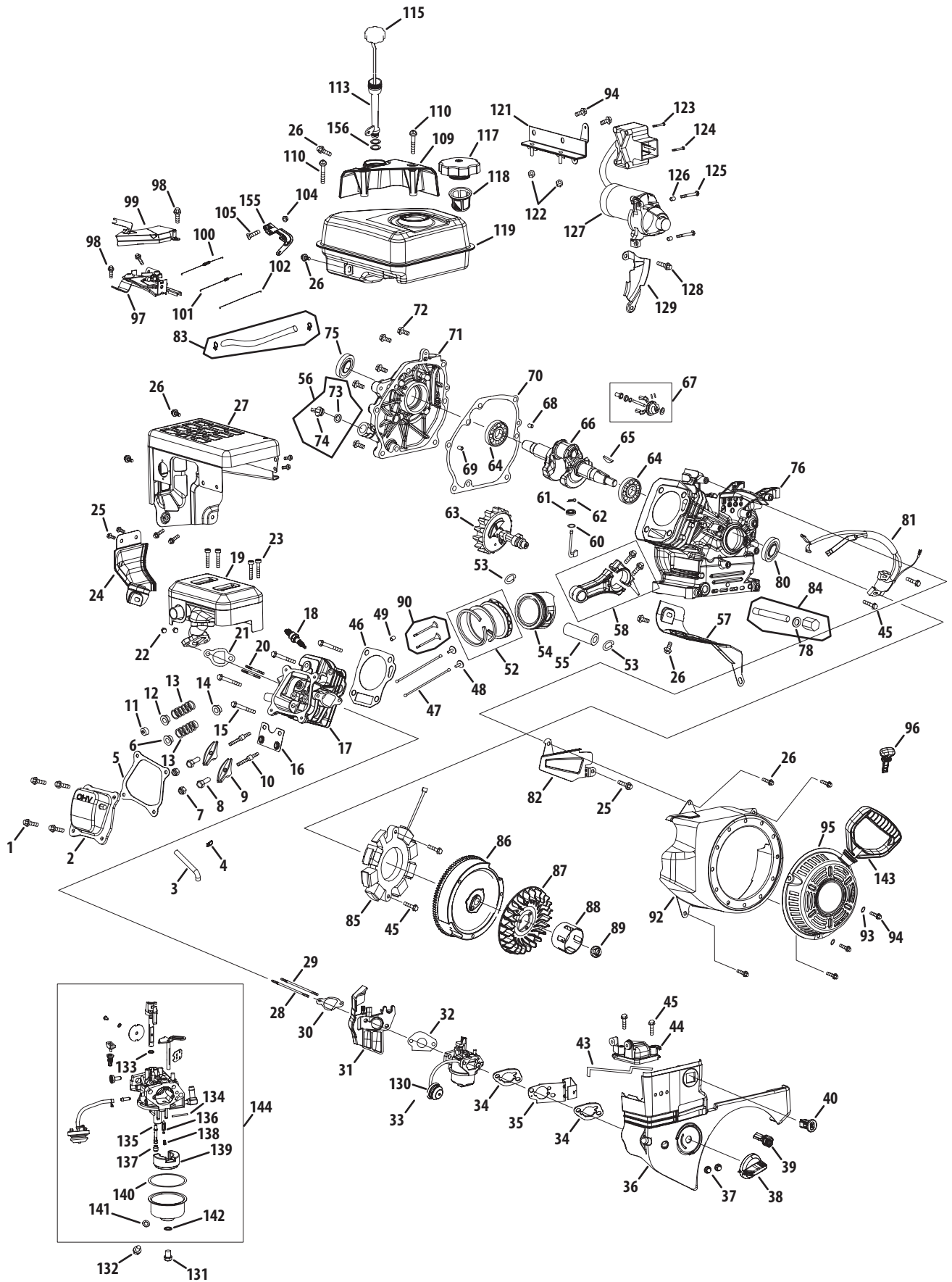
## 179 cc ZS 365-SUB Engine

Ref. No.	Part No.	Description
—	951-11246	Crankcase Cover Kit
64	951-11369	Radial Ball Bearing
70	951-11371	Case Cover Gasket
71	—	Case Cover
72	710-04932	Cover Bolt
73	—	O-Ring
74	—	Oil Fill Plug
75	951-11368	Oil Seal
—	951-10661B	Gasket Kit, External
5	—	Head Cover Gasket
21	951-11285	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
32	—	Carburetor Gasket
34	—	Carburetor Gasket Plate
78	736-04440	Washer
—	951-11247	Crankshaft Kit
64	951-11369	Radial Ball Bearing
65	951-10307	Flywheel Key
66	—	Crankshaft
75	951-11368	Oil Seal
80	951-11370	Oil Seal

Ref. No.	Part No.	Description
—	951-10722A	Cylinder Head Assembly
5	—	Head Cover Gasket
6	—	Intake Valve Spring Seat
7	751-11124	Pivot Locking Nut
8	751-11123	Valve Adjusting Nut
9	—	Rocker Arm
10	710-04902	Pivot Bolt
11	—	Exhaust Valve Adjuster
12	—	Exhaust Valve Spring Seat
13	—	Valve Spring
14	—	Intake Valve Seal
16	—	Push Rod Guide Plate
17	—	Cylinder Head - Complete
21	951-11285	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
46	—	Cylinder Head Gasket
90	951-10647	Valve Kit
33	951-10974	Carburetor Assembly
130	951-10639	Primer
—	951-11063	Valve Cover Kit (Not Shown)
2	951-11054	Valve Cover
5	—	Head Cover Gasket



# 208 cc ZS 370-SUB Engine





## 208 cc ZS 370-SUB Engine

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	951-11012	Bolt	72	710-04932	Bolt
2	951-11054	Valve Cover	75	951-11368	Oil Seal
3	731-07059	Breather Hose	78	736-04440	Washer
4	726-04101	Hose Clamp	80	951-11370	Oil Seal
7	751-11124	Pivot Locking Nut	81	951-10646	Ignition Coil
8	751-11123	Valve Adjusting Nut	82	951-11110	Air Flow Shield
10	710-04902	Pivot Bolt	83	951-10650	Fuel Line Kit
15	710-04933	Bolt	84	951-10641	Oil Drain Assembly
18	951-10292	Spark Plug	85	951-10719	Stator
19	951-11282	Muffler Assembly	86	951-10805	Flywheel
20	710-05001	Stud	87	951-10909	Cooling Fan
21	951-11289	Muffler Gasket	88	951-10911	Starter Cup
22	712-04214	Nut	89	712-04209	Nut
23	710-05002	Bolt	90	951-10647	Valve Kit
24	951-11111	Exhaust Pipe Shield	92	951-10663A	Blower Housing
25	710-04940	Bolt	93	736-04455	Washer
26	710-04915	Bolt	94	710-04914	Bolt
27	951-10642A	Muffler Shroud	95	951-10658	Recoil Starter Assembly
28	710-04939	Stud, M6 x117	96	731-05632	Key
29	710-04910	Stud, M6 x 105	97	951-10758	Throttle Control Assembly
33	951-10638	Carburetor Assembly	98	710-04928	Bolt
35	951-11112	Choke Control Bracket	99	951-11108	Governor Shield
36	951-10634	Engine Shroud	100	951-10654	Governor Spring
37	712-04213	Nut	101	951-10664	Throttle Return Spring
38	951-11284	Choke Knob	102	951-10665	Governor Rod
39	951-10757	Throttle Control Knob	104	712-04216	Nut
40	951-10637	Ignition Switch	105	710-04929	Bolt
43	951-10640	Choke Push Rod	109	951-10662	Engine/Dipstick Cover
44	951-10635	Heater Box	110	710-04905	Bolt
45	710-04919	Bolt	113	951-10656	Dipstick Tube
47	951-10648	Push Rod Kit	115	951-10655	Dipstick
49	715-04090	Dowel Pin	117	951-10649	Fuel Cap Assembly
56	951-11283	Oil Fill Plug Assembly	118	951-10652	Fuel Filter
57	951-11113	Air Shield	119	951-10653A	Fuel Tank
59	951-11356	Governor Arm Shaft	121	951-11114	Switch Housing Mounting Bracket
60	736-04461	Washer	122	712-04212	Nut
62	714-04078	Cotter Pin	123	710-04934	Bolt, M4 x 55
64	751-11369	Radial Ball Bearing	124	710-04935	Bolt, M4 x 60
65	951-10307	Flywheel Key	125	710-04943	Bolt
68	715-04092	Dowel Pin, 7 x 14	126	715-04088	Dowel Pin
69	715-04089	Dowel Pin, 9 x 14	127	951-10645A	Electric Starter
70	951-11371	Crankcase Cover Gasket	128	710-05003	Bolt

## 208 cc ZS 370-SUB Engine

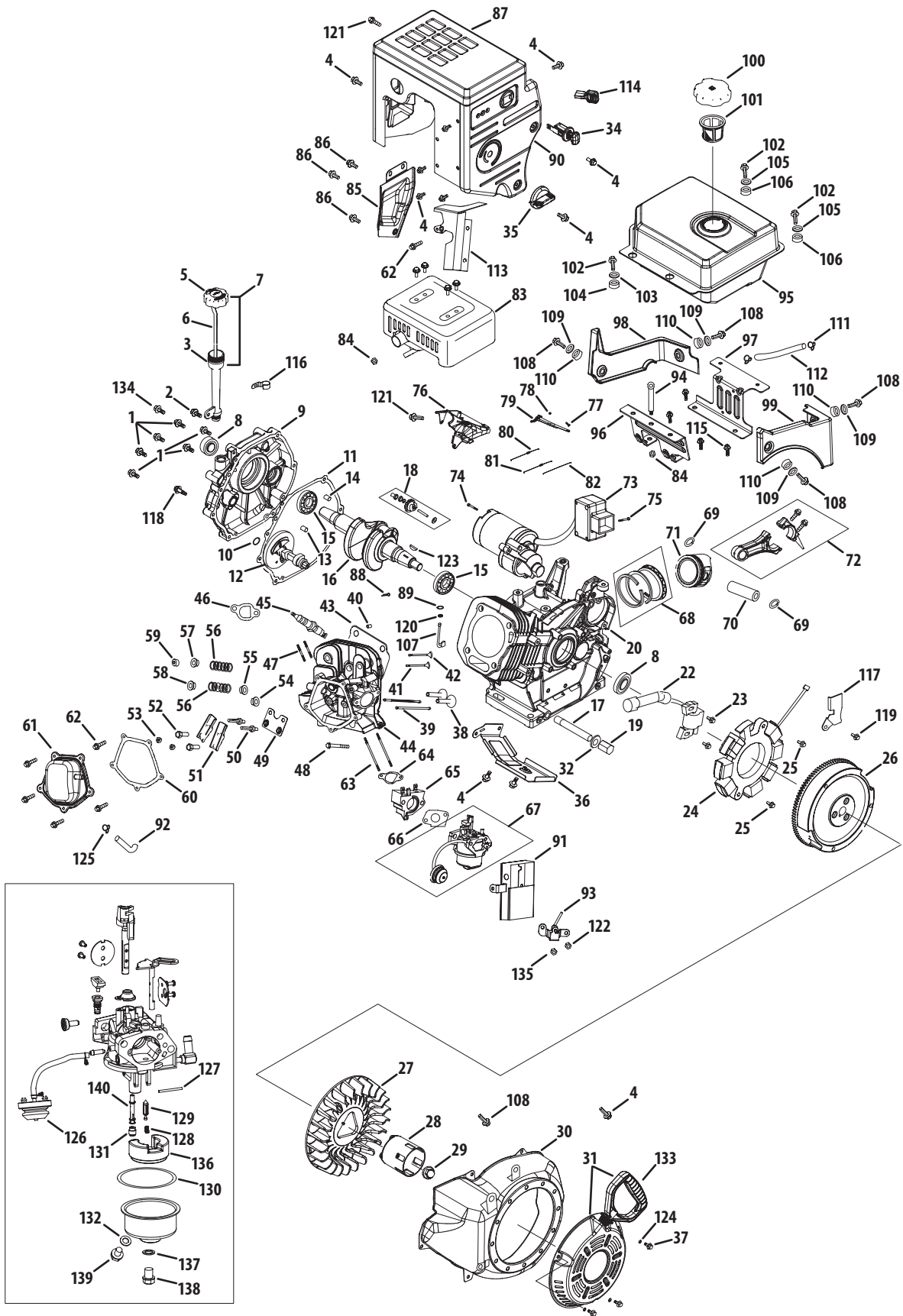
Ref. No.	Part No.	Description
129	951-11109	Blower Housing Shield
130	951-10639	Primer
131	710-04945	Bolt
132	710-04938	Drain Bolt
143	731-05696	Starter Handle
155	951-11106	Governor Arm Bracket
156	951-11380	O-Ring
—	951-11176	Starter Pinion Shaft (Not Shown)
—	951-10651	Fuel Tank Nipple (Not Shown)
—	952Z370-SUB	Engine, Complete
20	951-10657	Muffler Stud Assembly
20	710-05001	Stud
33	951-10638	Carburetor Assembly
130	951-10639	Primer
56	951-11283	Oil Fill Plug Assembly
73	—	O-Ring
74	—	Oil Filler Plug
144	951-11021	Carburetor Kit, Major
133	—	Gasket, Throttle Plate
134	—	Float Pin
135	—	Emulsion Tube
136	—	Needle Valve
137	—	Main Jet
138	—	Needle Valve Spring
139	—	Float
140	—	Fuel Bowl Gasket
141	—	Fuel Drain Plug Gasket
142	—	Fuel Bowl Gasket
—	951-10661B	Gasket Kit, External
5	—	Head Cover Gasket
21	951-11289	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
32	—	Carburetor Gasket
34	—	Carburetor Gasket Plate
78	751-04440	Washer
—	951-11247	Crankshaft Kit
64	951-11369	Radial Ball Bearing
65	951-10307	Flywheel Key
66	—	Crankshaft
75	951-11368	Oil Seal
80	951-11370	Oil Seal

Ref. No.	Part No.	Description
—	951-11249	Crankcase Kit
61	—	Governor Seal
64	951-11369	Radial Ball Bearing
70	951-11371	Crankcase Gasket
76	—	Crankcase
80	951-11370	Oil Seal
—	951-11060A	Short Block Assembly
5	—	Head Cover Gasket
21	951-11289	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
46	—	Cylinder Head Gasket
48	—	Tappet
49	715-04090	Dowel Pin
52	—	Piston Ring Set
53	—	Piston Pin Snap Ring
54	—	Piston
55	—	Piston Pin
58	—	Connecting Rod Assembly
59	951-11356	Governor Arm Shaft
60	736-04461	Washer
61	—	Governor Seal
62	714-04078	Cotter Pin
63	—	Camshaft Assembly
64	951-11369	Radial Ball Bearing
65	951-10307	Flywheel Key
66	—	Crankshaft Assembly
67	—	Governor Gear/Shaft Assembly
68	715-04092	Dowel Pin, 7 x 14
69	715-04089	Dowel Pin, 9 x 14
70	951-11371	Crankcase Cover Gasket
71	—	Case Cover
72	710-04932	Bolt
73	—	O-Ring
74	—	Oil Fill Plug
75	951-11368	Oil Seal
76	—	Crankcase
77	—	Oil Drain Pipe
78	736-04440	Washer
79	—	Oil Drain Plug Washer
80	951-11370	Oil Seal

Ref. No.	Part No.	Description
—	951-10668A	Cylinder Head Assembly
5	—	Head Cover Gasket
6	—	Intake Valve Spring Seat
7	751-11124	Pivot Locking Nut
8	751-11123	Valve Adjusting Nut
9	—	Rocker Arm
10	710-04902	Pivot Bolt
11	—	Exhaust Valve Adjuster
12	—	Exhaust Valve Spring Seat
13	—	Valve Spring
14	—	Intake Valve Seal
16	—	Push Rod Guide Plate
17	—	Cylinder Head - Complete
21	951-11289	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
46	—	Cylinder Head Gasket
90	951-10647	Valve Kit
—	951-11063	Valve Cover Kit
2	951-11054	Valve Cover
5	—	Head Cover Gasket

Ref. No.	Part No.	Description
—	951-11059A	Gasket Kit, Complete
5	—	Head Cover Gasket
21	951-11289	Muffler Gasket
30	—	Carburetor Insulator Gasket
31	—	Carburetor Insulator Plate
32	—	Carburetor Gasket
34	—	Carburetor Gasket Plate
46	—	Cylinder Head Gasket
60	736-04461	Washer
61	—	Governor Seal
62	714-04078	Cotter Pin
70	951-11371	Crankcase Cover Gasket
75	951-11368	Oil Seal
78	736-04440	Washer
80	951-11370	Oil Seal
—	951-11246	Crankcase Cover Kit
64	951-11369	Radial Ball Bearing
70	951-11371	Crankcase Cover Gasket
71	—	Case Cover
72	—	Cover Bolts
73	—	O-Ring
74	—	Oil Fill Plug
75	951-11368	Oil Seal

# 277cc ZS 478-SU Engine



## 277cc ZS 478-SU Engine

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	710-04971	Flange Bolt	73	951-11196	Electric Starter
2	710-04968	Flange Bolt	74	710-04967	Flange Bolt
3	951-11206	Dipstick Tube	75	710-04965	Screw
4	710-04915	Flange Bolt	76	951-11213	Throttle Control Assembly
8	951-11372	Crankshaft Oil Seal	77	710-04908	Bolt
11	951-11374	Crankcase Cover Gasket	78	712-04211	Nut
13	715-04102	Dowel Pin	79	951-11231	Governor Arm Bracket
14	715-04096	Dowel Pin	80	951-11202	Governor Spring
15	951-11373	Ball Bearing	81	951-11203	Throttle Return Spring
22	951-11197	Ignition Coil	82	951-11204	Governor Rod
23	710-04920	Flange Bolt	83	951-11195	Muffler Assembly
24	951-11216	Stator	84	712-04219	Nut
25	710-04969	Flange Bolt	85	951-11181	Muffler Baffle
26	951-11214	Flywheel	86	710-04914	Flange Bolt
27	951-11217	Cooling Fan	87	951-11194	Muffler Shield
28	951-11218	Starter Cup	88	714-04077	Governor Shaft Clip
29	712-04220	Flange Nut	89	736-04453	Washer
30	951-11379	Blower Housing	91	951-11190	Heater Box
31	951-11208	Recoil Starter Assembly	92	951-11221	Breather Hose
32	736-04440	Oil Drain Washer	93	951-11192	Choke Assembly
34	951-10637	Ignition Switch	95	951-11201	Fuel Tank
35	951-11191	Choke Knob	96	951-11182	Fuel Tank Mounting Bracket
36	951-11180	Cylinder Baffle	97	951-11183	Fuel Tank Mounting Bracket
37	710-04974	Flange Bolt	98	951-11184	Fuel Tank Shroud
39	951-11199	Push Rod Kit	99	951-11419	Engine Shroud
40	715-04097	Dowel Pin	100	951-10649	Fuel Cap Assembly
45	951-10292	Spark Plug	101	951-10652	Fuel Filter
46	951-11212	Muffler Gasket	102	710-04970	Flange Bolt
47	951-11207	Muffler Stud Assembly	103	736-04451	Washer
47	710-04964	Exhaust Stud	104	750-05313	Bushing
48	710-04973	Flange Bolt	105	736-04450	Washer
50	710-04962	Rocker Stud Bolt	106	750-05312	Bushing
52	751-11123	Valve Adjusting Nut	108	710-11012	Flange Bolt
53	751-11124	Pivot Locking Nut	109	736-04452	Washer
61	951-11220	Valve Cover	110	750-05314	Bushing
62	710-05054	Bolt	113	951-11227	Carburetor Heat Shield
63	710-04963	Carburetor Stud	114	951-11224	Throttle Knob
64	951-11225	Intake Gasket	115	710-04921	Flange Bolt
65	951-11222	Carburetor Insulator	116	951-11185	Oil Tube Support Bracket
66	951-11223	Carburetor Gasket	117	951-11186	Alternator Wire Clamp Bracket
67	951-11193	Carburetor Assembly	118	710-04972	Flange Bolt

## 277cc ZS 478-SU Engine

Ref. No.	Part No.	Description
119	710-04966	Flange Bolt
121	710-04916	Flange Bolt
122	712-04211	Nut
123	951-10307	Flywheel Key
124	736-04455	Flat Washer
125	726-04101	Breather Hose Clip
126	951-10639	Primer
132	751-11349	Fuel Drain Plug Gasket
133	731-05696	Starter Handle
134	710-05052	Bolt
135	736-04477	Nut
137	751-11348	Fuel Bowl Gasket
138	710-04945	Fuel Drain Bolt
139	710-04903	Fuel Drain Plug
—	951-10651	Fuel Tank Nipple (Not Shown)
—	731-05632	Key (Not Shown)
—	951-11228	Crankcase Cover Kit
1	710-04971	Flange Bolt
8	951-11372	Crankshaft Oil Seal
9	—	Crankcase Cover
10	—	Flat Washer
11	951-11374	Crankcase Cover Gasket
15	951-11373	Ball Bearing
118	710-04972	Flange Bolt
—	951-11229	Crankshaft Kit
8	951-11372	Crankshaft Oil Seal
15	951-11373	Ball Bearing
16	—	Crankshaft Assembly
123	951-10307	Flywheel Key
—	951-11230	Crankcase Kit
8	951-11372	Crankshaft Oil Seal
15	951-11373	Ball Bearing
20	—	Crankcase
120	—	Governor Shaft Seal

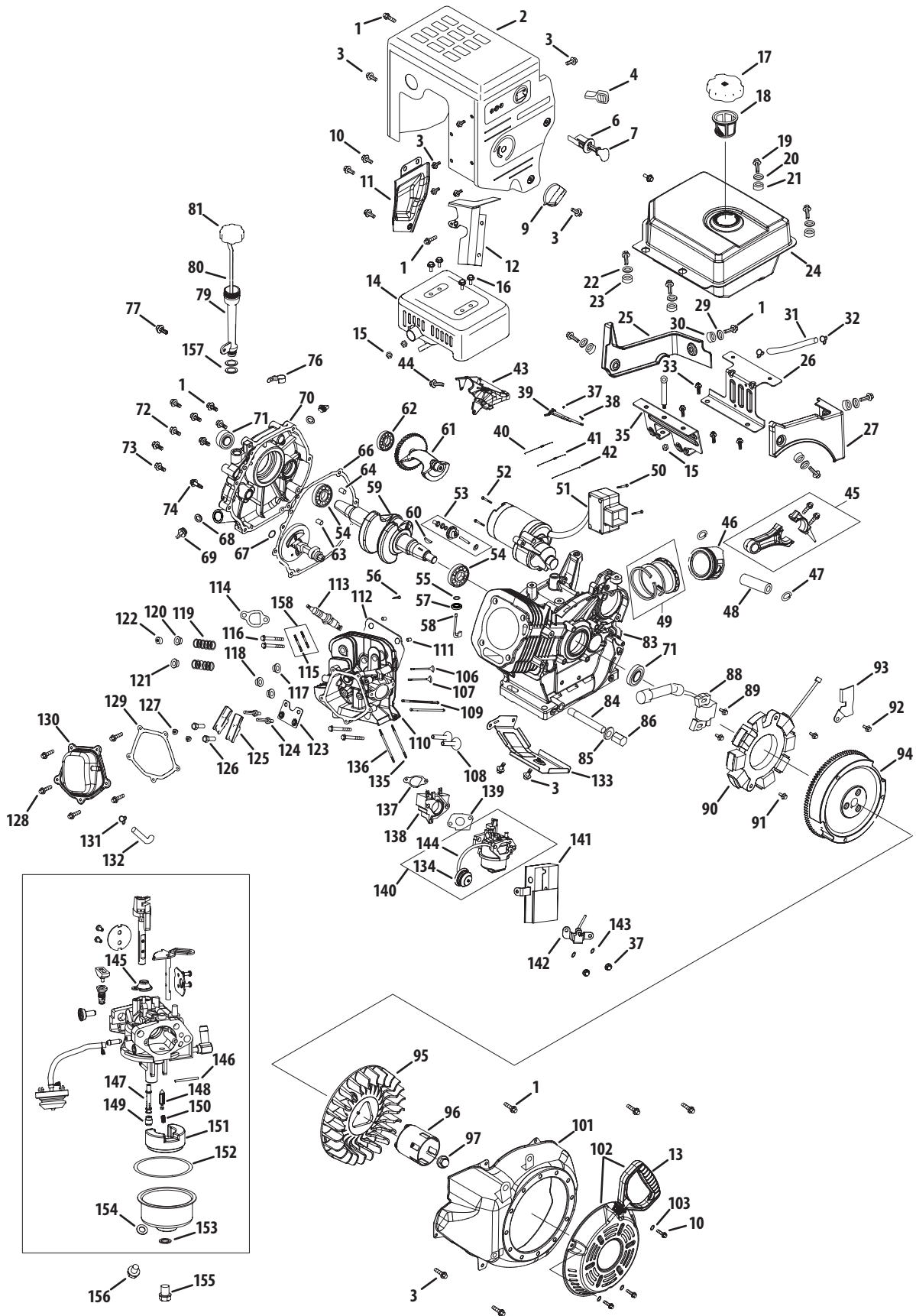
Ref. No.	Part No.	Description
—	951-11219	Carburetor Kit
127	—	Float Pin
128	—	Needle Valve Spring
129	—	Needle Valve
130	—	Bowl gasket
131	—	Main Jet
132	751-11349	Fuel Drain Plug Gasket
136	—	Carburetor Float
140	—	Main Nozzle
—	951-11209	Gasket Kit, Complete
8	951-11372	Crankshaft Oil Seal
11	951-11374	Crankcase Cover Gasket
32	736-04440	Oil Drain Washer
43	—	Head Gasket
46	951-11212	Muffler Gasket
60	—	Valve Cover Gasket
64	951-11225	Intake Gasket
65	951-11222	Carburetor Insulator
66	951-11223	Carburetor Gasket
120	—	Governor Shaft Seal
—	951-11210	Gasket Kit, External
11	951-11374	Crankcase Cover Gasket
32	736-04440	Oil Drain Washer
60	—	Valve Cover Gasket
64	951-11225	Intake Gasket
65	951-11222	Carburetor Insulator
66	951-11223	Carburetor Gasket
—	951-11226	Cylinder Head Kit
43	—	Head Gasket
48	710-04973	Flange Bolt
54	—	Intake Valve Seal
60	—	Valve Cover Gasket
7	951-11205	Dipstick Assembly
5	—	Oil Cap
6	—	Dipstick

Ref. No.	Part No.	Description
—	951-11200	Fuel Line Kit
111	—	Fuel Hose Clamp
112	—	Fuel Hose
—	951-11198	Valve Kit
41	—	Intake Valve
42	—	Exhaust Valve
—	951-10641	Oil Drain Assembly
17	—	Extended Oil Drain Tube
19	—	Extended Oil Drain Plug
32	736-04440	Oil Drain Washer
—	951-11188	Cylinder Head Assembly
41	—	Intake Valve
42	—	Exhaust Valve
43	—	Head Gasket
44	—	Cylinder Head
46	951-11212	Muffler Gasket
47	710-04964	Exhaust Stud
48	710-04973	Flange Bolt
49	—	Pushrod Guide Plate
50	710-04962	Rocker Stud Bolt
51	—	Rocker Arm
52	751-11123	Valve Adjusting Nut
53	751-11124	Pivot Locking Nut
54	—	Intake Valve Seal
55	—	Exhaust Valve Spring Support
56	—	Valve Spring
57	—	Exhaust Spring Retainer
58	—	Intake Spring Retainer
59	—	Exhaust Valve Cap
60	—	Valve Cover Gasket
63	710-04963	Carburetor Stud
64	951-11225	Intake Gasket
65	951-11222	Carburetor Insulator

Ref. No.	Part No.	Description
—	951-11187	Short Block Assembly
1	710-04971	Flange Bolt
2	710-04968	Flange Bolt
8	951-11372	Crankshaft Oil Seal
9	—	Crankcase Cover
10	—	Flat Washer
11	951-11374	Crankcase Cover Gasket
12	—	Camshaft Assembly
13	715-04102	Dowel Pin
14	715-04096	Dowel Pin
15	951-11373	Ball Bearing
16	—	Crankshaft Assembly
17	—	Oil Drain Bolt
18	—	Governor Gear Assembly
19	—	Extended Oil Drain Plug
20	—	Crankcase
32	736-04440	Oil Drain Washer
38	—	Tappet
40	715-04097	Dowel Pin
43	—	Head Gasket
46	951-11212	Muffler Gasket
48	710-04973	Flange Bolt
60	—	Valve Cover Gasket
64	951-11225	Intake Gasket
65	951-11222	Carburetor Insulator
68	—	Piston Ring Set
69	—	Piston Pin Clip
70	—	Piston Pin
71	—	Piston
72	—	Conrod Assembly
88	714-04077	Governor Shaft Clip
89	736-04453	Flat Washer
107	—	Governor Shaft
118	710-04972	Flange Bolt
120	—	Governor Shaft Seal
123	951-10307	Flywheel Key



# 357cc ZS 483-SU Engine





## 357cc ZS 483-SU Engine

Ref.	Part Number	Description	Ref.	Part Number	Description
1	951-11012	Bolt, M6 X 16	54	751-11373	Bearing
2	951-11339	Muffler Shield	55	736-04453	Governor Shaft Washer
3	710-04915	Bolt, M6x12, Zinc Coating	56	714-04077	Governor Shaft Clip
4	951-11224	Throttle Control Knob	58	751-11365	Governor Arm Shaft
6	951-10637	Ignition Switch Assembly	60	951-10307	Flywheel Key
7	731-05632	Key	63	715-04102	Dowel Pin
9	951-11302	Choke Knob	64	715-04096	Dowel Pin, 7 X 14
10	710-04914	Bolt, Flange, M6x10	66	751-11376	Crankcase Cover Gasket
11	951-11181	Muffler Baffle	67	736-04476	Washer
12	951-11321	Carburetor Heat Shield	71	751-11375	Oil Seal
13	731-05696	Starter Handle	72	710-04971	Flange Bolt, M8 X 38
14	951-11338	Muffler Assembly	73	710-04972	Bolt, M8 X 45
15	712-04219	Nut, M8 - 1.25	74	710-05052	Bolt, M8 X 35
16	710-05051	Bolt	76	951-11320	Oil Tube Support Bracket
17	951-10649	Fuel Cap	77	710-04968	Flange Bolt M6 X 16
18	951-10652	Fuel Filter	79	951-11206	Dipstick Tube
19	710-04970	Flange Bolt, M8 X 20	84	951-11350	Oil Drain Pipe
20	736-04450	Flat Washer	85	736-04440	Oil Drain Washer
21	750-05312	Bushing	86	710-04906	Oil Drain Plug
22	736-04451	Flat Washer	88	951-11305	Ignition Coil
23	750-05313	Bushing	89	710-04920	Bolt, Flange, M6x28
24	951-11201	Fuel Tank	90	951-11216	Stator
25	951-11319	Fuel Tank Shroud	91	710-04969	Flange Bolt, M6 X 30
26	951-11318	Fuel Tank Mounting Bracket	92	710-04966	Flange Bolt, M6 X 8
27	951-11189	Engine Shroud	93	951-11186	Alternator Wire Clamp Bracket
29	736-04452	Flat Washer	94	951-11312	Flywheel
30	750-05314	Bushing	95	951-11313	Cooling Fan
33	710-04921	Bolt, Flange, M8x14	96	951-11314	Starter Cup
35	951-11182	Fuel Tank Mounting Bracket	97	712-04220	Nut, M16 - 1.5
37	712-04211	Nut, Flange, M6	101	951-11211	Blower Housing
38	710-04908	Bolt, M6x21, Governor Arm	102	951-11310	Recoil Starter Assembly
39	951-11307	Governor Arm Bracket	103	736-04455	Flat Washer Recoil
40	951-11306	Governor Spring	111	715-04097	Dowel Pin, 12 X 20
41	951-11203	Throttle Return Spring	113	951-10292	Spark Plug
42	951-11309	Governor Rod	114	951-11212	Muffler Gasket
43	951-11311	Throttle Control Assembly	115	710-04964	Exhaust Stud
44	710-04916	Bolt, Flange, M6 x 14	116	710-05053	Flange Bolt, M10-1.25 X 87
50	710-04965	Screw, M4 X 55	124	710-04962	Rocker Stud Bolt
51	951-11196	Electric Starter	126	751-11123	Pivot Adjusting Nut
52	710-04967	Flange Bolt, M8 X 55	127	751-11124	Pivot Locking Nut

## 357cc ZS 483-SU Engine

Ref.	Part Number	Description
128	710-05054	Bolt - Valve Cover, M6 X 16
130	951-11220	Valve Cover
131	726-04101	Breather Hose Clip
132	951-11221	Breather Hose
133	951-11317	Cylinder Baffle
134	951-10639	Primer
135	710-05055	Carburetor Stud, M6 X 8 X 98
136	710-05056	Carburetor Stud, M6 X 8 X 118
137	951-11315	Intake Gasket
138	951-11316	Carburetor Insulator
139	951-11223	Carburetor Gasket
140	951-11303	Carburetor Assembly
141	951-11304	Heater Box
142	951-11192	Choke Assembly
143	736-04477	Lock Washer
144	951-10324	Primer Hose
153	951-11348	Fuel Bowl Gasket
154	951-11349	Fuel Drain Plug Gasket
155	710-04945	Fuel Bowl Mounting Bolt
156	710-04903	Fuel Drain Plug
157	951-11381	O-Ring
	951-10651	Fuel Tank Nipple (Not Shown)
	752Z483-SU	Engine Complete
—	951-11340	Crankcase Cover Kit
54	951-11373	Bearing
66	951-11376	Crankcase Cover Gasket
67	736-04476	Washer
70	—	Crankcase Cover
71	751-11375	Oil Seal
72	710-04971	Flange Bolt, M8 X 38
73	710-04972	Bolt, M8 X 45
—	951-11342	Crankshaft Kit
54	951-11373	Bearing
59	—	Crankshaft Assembly
60	951-10307	Flywheel Key
71	951-11375	Oil Seal
—	951-11341	Crankcase Kit
54	951-11373	Bearing
57	—	Oil Seal -Governor Shaft
71	951-11375	Oil Seal
83	—	Crankcase

Ref.	Part Number	Description
—	951-11328	Shortblock Assembly
45	—	Connecting Rod Ass'y Complete
46	—	Piston
47	—	Piston Pin Clip
48	—	Piston Pin
49	—	Piston Ring Set - Complete
53	—	Governor Assembly
54	951-11373	Bearing
55	736-04453	Governor Shaft Washer
56	714-04077	Governor Shaft Clip
57	—	Oil Seal -Governor Shaft
58	951-11365	Governor Arm Shaft
59	—	Crankshaft Assembly
60	951-10307	Flywheel Key
61	—	Camshaft Assembly
62	—	Bearing
63	715-04102	Dowel Pin
64	715-04096	Dowel Pin, 7 x 14
66	951-11376	Crankcase Cover Gasket
67	736-04476	Washer
70	—	Crankcase Cover
71	951-11375	Oil Seal
72	710-04971	Bolt
73	710-04972	Bolt, M8 X 45
74	710-05052	Bolt, M8 X 35
83	—	Crankcase
84	951-11350	Oil Drain Pipe
85	736-04440	Oil Drain Washer
86	710-04906	Oil Drain Plug
108	—	Valve Lifter (Tappet)
111	715-04097	Dowel Pin
112	—	Cylinder Head Gasket
114	951-11212	Muffler Gasket
116	710-05053	Flange Bolt, M10-1.25 X 87
129	—	Valve Cover Gasket
137	951-11315	Intake Gasket
138	951-11316	Carburetor Insulator
—	951-11335	Push Rod Kit
109	—	Push Rod
158	951-11207	Muffler Stud Assembly
115	710-04964	Exhaust Stud

## 357cc ZS 483-SU Engine

Ref.	Part Number	Description
—	951-10641	Oil Drain Assembly
84	951-11350	Oil Drain Pipe
85	736-04440	Drain Plug Washer
86	710-04906	Drain Plug
—	951-11329	Cylinder Head Ass'y
106	—	Exhaust Valve
107	—	Intake Valve
110	—	Cylinder Head
112	—	Cylinder Head Gasket
114	951-11212	Muffler Gasket
115	710-04964	Exhaust Stud
116	710-05053	Flange Bolt, M10-1.25 X 87
117	—	Intake Valve Seal
118	—	Valve Spring Retainer
119	—	Valve Spring
120	—	Valve Spring Retainers - Exhaust
121	—	Valve Spring Retainer- Intake
122	—	Exhaust Valve Cap
123	—	Push Rod Guide
124	710-04962	Rocker Stud Bolt
125	—	Rocker Arm
126	751-11123	Pivot Adjusting Nut
127	751-11124	Pivot Locking Nut
129	—	Valve Cover Gasket
135	710-05055	Carburetor Stud, M6 X 8 X 98
136	710-05056	Carburetor Stud, M6 X 8 X 118
137	951-11315	Intake Gasket
138	951-11316	Carburetor Insulator
—	951-11330	Gasket Kit - Complete
57	—	Oil Seal -Governor Shaft
66	951-11376	Crankcase Cover Gasket
71	951-11375	Oil Seal
85	736-04440	Oil Drain Washer
112	—	Cylinder Head Gasket
114	951-11212	Muffler Gasket
129	—	Valve Cover Gasket
137	951-11315	Intake Gasket
138	951-11316	Carburetor Insulator
139	951-11223	Carburetor Gasket

Ref.	Part Number	Description
—	951-11205	Dipstick Assembly
80	—	Dipstick
81	—	Oil Cap
—	951-11331	Gasket Kit - External
85	736-04440	Oil Drain Washer
114	951-11212	Muffler Gasket
129	—	Valve Cover Gasket
137	951-11315	Intake Gasket
138	951-11316	Carburetor Insulator
139	951-11223	Carburetor Gasket
—	951-11336	Fuel Line Kit
31	—	Fuel Line
32	—	Fuel Line Clamp
—	951-11345	Oil Filler Plug Assembly
68	—	O-Ring
69	—	Oil Fill Plug
—	951-11332	Carburetor Kit - Major
145	—	Throttle Pressure Plate
146	—	Float Pin
147	—	Main Nozzle
148	—	Needle Valve
149	—	Main Jet
150	—	Needle Valve Spring
151	—	Float
152	—	Bowl Gasket
153	951-11348	Fuel Bowl Gasket
154	951-11349	Fuel Drain Plug Gasket
—	951-11334	Cylinder Head Kit
112	—	Cylinder Head Gasket
116	710-05053	Flange Bolt, M10-1.25 X 87
117	—	Intake Valve Seal
129	—	Valve Cover Gasket
—	951-11333	Valve Cover Kit
129	—	Valve Cover Gasket
130	951-11220	Valve Cover
—	951-11337	Valve Kit
106	—	Exhaust Valve
107	—	Intake Valve