

Homelite®

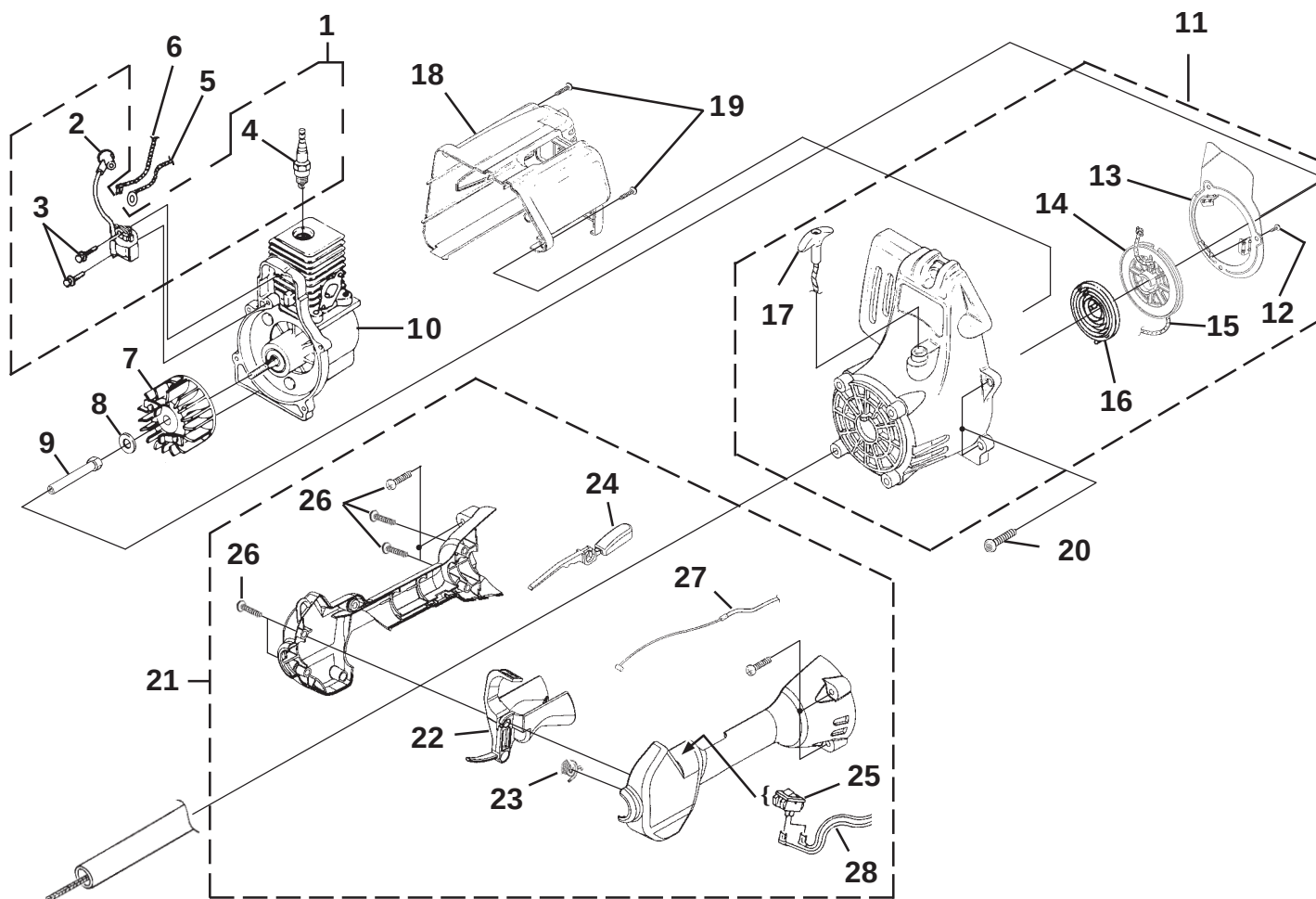
PARTS LIST

String Trimmers/Brushcutters

B25C.....	UT20768
	UT20770
F2020	UT20788
	UT20789
F3040	UT15176
B25S	UT15182

Non-Clutch
B25C (UT20768, UT20770)
F2020 (UT20788, UT20789)

IGNITION - ROTOR - STARTER



No.	Part No.	Description	Qty.
1	•UP 03858	IGNITION KIT	1
2	UP 03868	TERMINAL & COVER	1
3	UP 03896	SCREW-Taptite (8-32 X 1")	2
4	UP 03883	SPARK PLUG (RDJ-7Y)	1
5	A 06964	LEAD-Electrical	1
6	A 06963	LEAD-Electrical	1
7	UP 03009	ROTOR KIT	1
8	UP 04241	WASHER-Flat	1
9	98795 A	CONNECTOR AND DRUM	1
10	UP 03116	SHORT BLOCK (See Engine Internal)	1
11	•UP 00014	STARTER ASSEMBLY	1
	•UP 05132	STARTER ASSEMBLY (B25C)	1
12	82543	SCREW-Thread Form (8-16 X 1/2")	3
13	UP 03013	BAFFLE-Air	1
14	UP 04349	PULLEY-Starter	1
15	UP 03912	ROPE-Starter (42")	1
16	UP 03917	SPRING & CONTAINER	1
17	UP 04276	GRIP-Starter (Yellow)	1
18	•UP 03518	HOUSING-Rear Kit	1
19	UP 03900	SCREW-Plastite (10-14 X 3/4")	2
20	UP 03406	SCREW-Taptite (10-24 X 3/4")	4

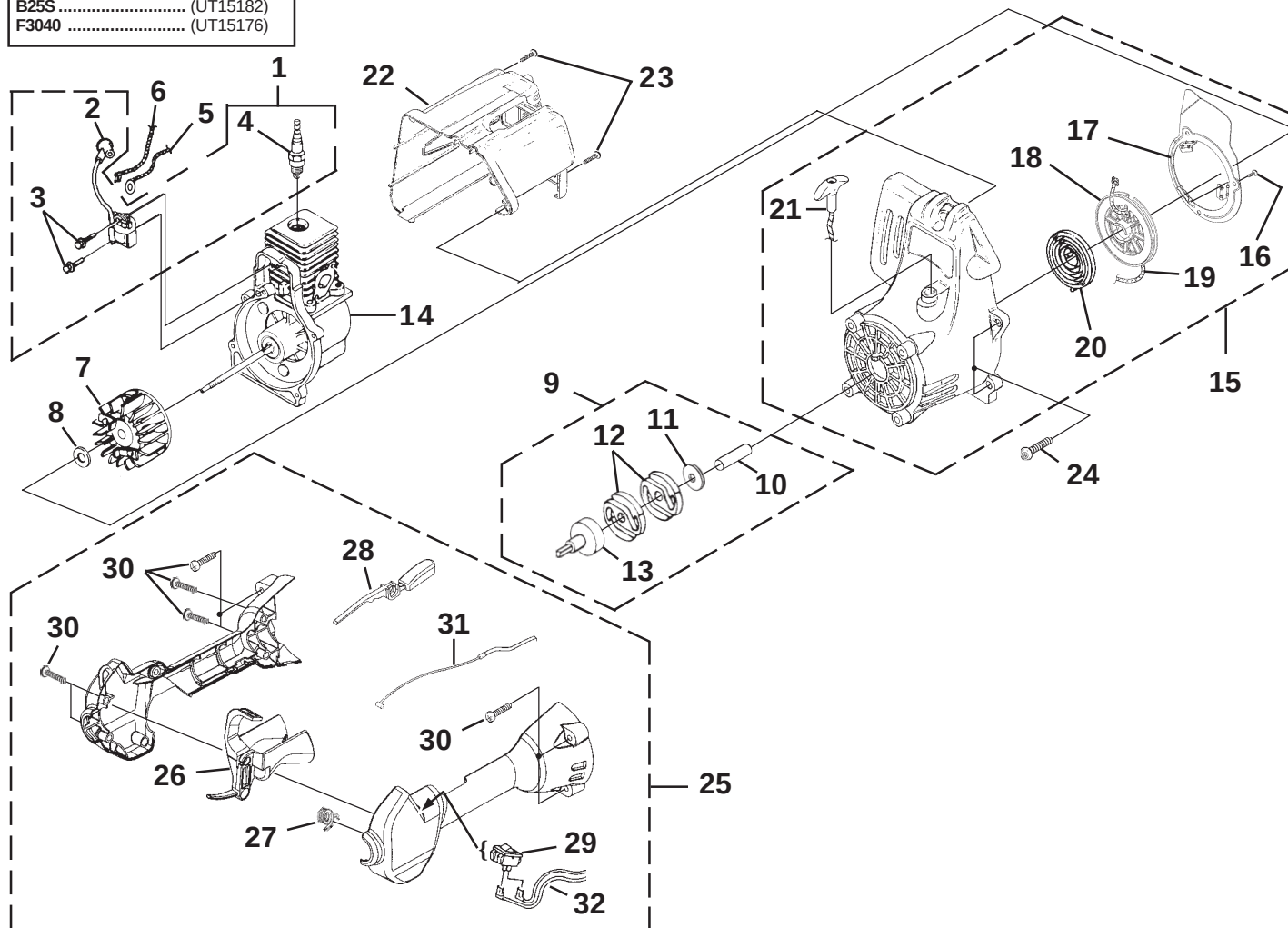
No.	Part No.	Description	Qty.
21	• UP 03114	CONTROL HANDLE ASSY.	1
22	• UP 03207	TRIGGER-Throttle	1
23	UP 03210	SPRING	1
24	UP 03173	THROTTLE INTERLOCK	1
25	UP 04197	SWITCH	1
26	UP 04247	SCREW-Taptite (10-14 X 1")	9
27	UP 03172	CABLE-Throttle	1
28	UP 03174	LEAD-Electrical	1

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
3	30-40	3.4-4.5	Blue 242
4	120-180	13.6-20.3	
12	10-20	1.1-2.3	
19	30-50	3.4-5.6	
20	30-40	3.4-4.5	
26	30-50	3.4-5.6	

Warranty Flat Rate		
Job	Description	Time/Hr.
FA11	Ignition Mod.	3
FA12	Ground Lead	3
FG10	Starter	4
FD12	Engine Housing, Rear	4
FF13	Trigger, Throttle cable	3

Clutch
B25S (UT15182)
F3040 (UT15176)

IGNITION - ROTOR - STARTER - CLUTCH



No.	Part No.	Description	Qty.
1	•UP 03858	IGNITION KIT	1
2	UP 03868	TERMINAL & COVER	1
3	UP 03896	SCREW-Taptite (8-32 X 1")	2
4	UP 03883	SPARK PLUG	1
5	A 06964	LEAD-Electrical	1
6	A 06963	LEAD-Electrical	1
7	UP 03009	ROTOR KIT	1
8	PS 84065	WASHER-Flat	1
9	•UP 00034	CLUTCH AND DRUM KIT	1
10	UP 04118	SPACER	1
11	98929 A	WASHER-Flat	1
12	UP 04103	CLUTCH	2
13	A 02727	CONNECTOR AND DRUM	1
14	UP 03122	SHORT BLOCK (See Engine Internal)	1
15	•UP 00014	STARTER ASSEMBLY	1
	•UP 05132	STARTER ASSEMBLY (B25S)	1
16	82543	SCREW-Thread Form (8-16 X 1/2")	3
17	UP 03013	BAFFLE-Air	1
18	UP 04349	PULLEY-Starter	1
19	UP 03912	ROPE-Starter (42")	1
20	UP 03917	SPRING & CONTAINER	1
21	UP 04276	GRIP-Starter (Yellow)	1
22	•UP 03518	HOUSING-Rear Kit	1
23	UP 03900	SCREW-Plastite (10-14 X 3/4")	2
24	UP 03406	SCREW-Taptite (10-24 X 3/4")	4

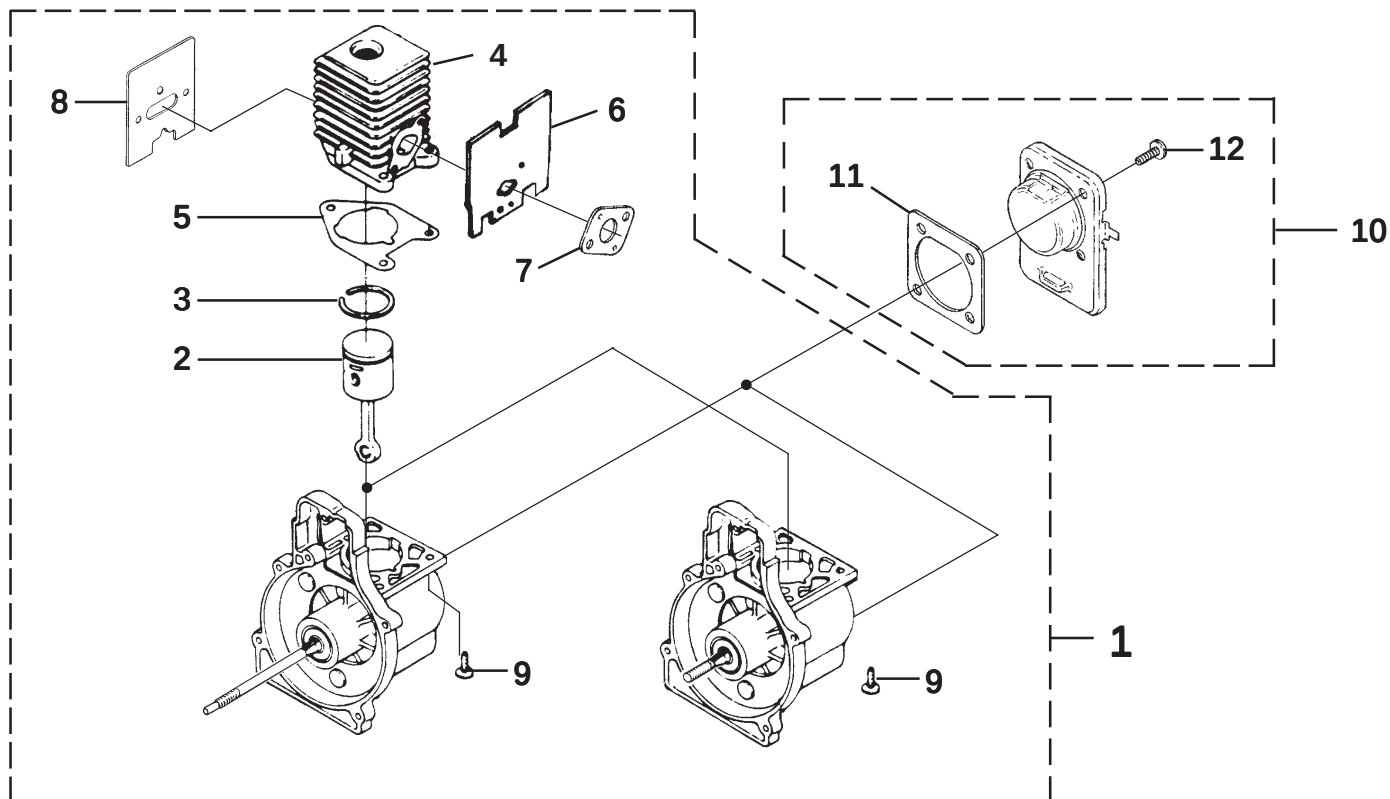
No.	Part No.	Description	Qty.
25	•UP 03114	CONTROL HANDLE ASSY.	1
26	•UP 03207	TRIGGER-Throttle	1
27	UP 03210	SPRING	1
28	UP 03173	THROTTLE INTERLOCK	1
29	UP 04197	SWITCH	1
30	UP 04247	SCREW-Taptite (10-14 X 1")	9
31	UP 03172	CABLE-Throttle	1
32	UP 03174	LEAD-Electrical	1

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
2	30-40	3.4-4.5	Blue 242
4	120-180	13.6-20.3	
16	10-20	1.1-2.3	
23	30-50	3.4-5.6	
24	30-40	3.4-4.5	
30	30-50	3.4-5.6	

Warranty Flat Rate		
Job	Description	Time/Hr.
FA11	Ignition Mod.	.3
FA12	Ground Lead	.3
FG10	Starter	.4
FD12	Engine Housing, Rear	.4
FF13	Trigger, Throttle cable	.3

Clutch	
B25S	(UT15182)
F3040	(UT15176)
Non-Clutch	
B25C	(UT20768, UT20770)
F2020	(UT20788, UT20789)

ENGINE INTERNAL



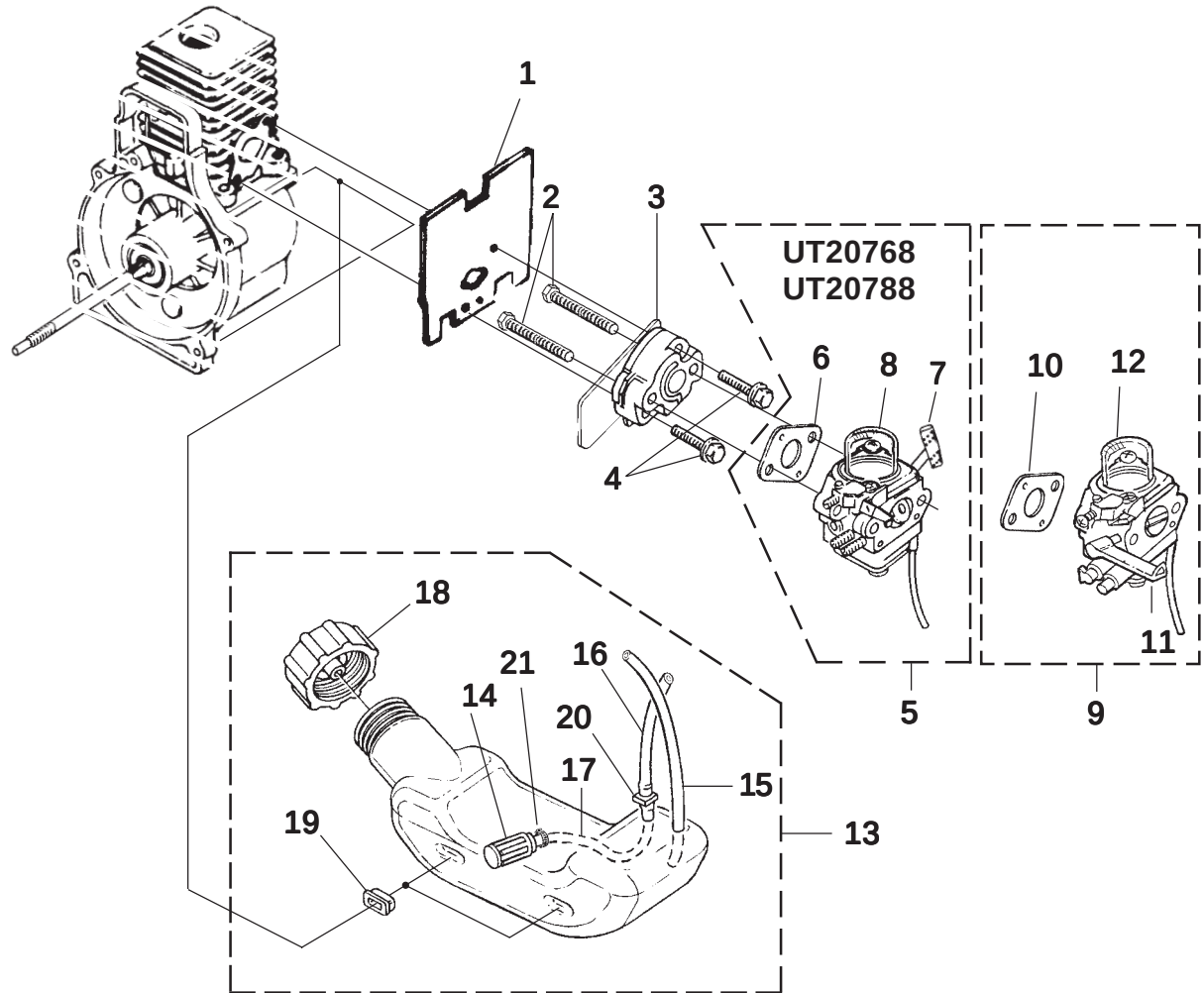
No.	Part No.	Description	Qty.
1	• UP 03116	SHORT BLOCK (Non-Clutch)	1
	UP 03122	SHORT BLOCK (Clutch)	1
2	• UP 00768	PISTON & ROD ASSY.	1
3	UP 03838	RING-Piston	1
4	• UP 04136	CYLINDER ASSY.	1
5	UP 03857	GASKET-Cylinder	1
6	UP 04308	GASKET-Heat Dam	1
7	UP 03916	GASKET-Carburetor	1
8	09343	GASKET-Muffler	1
9	UP 04345	SCREW-Sems (12-24 X 3/4")	3
10	• UP 00019	CRANKCASE COVER ASSEMBLY	1
11	UP 04335	GASKET-Crankcase Cover (Also included w/short block)	1
12	UP 04295	SCREW-Sems (10-24 X 1/2")	4

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
9	55-65	6.2-7.3	Red 262
12	35-45	4.0-5.1	Red 262

Warranty Flat Rate		
Job	Description	Time/Hr.
FB10	Partial Rebuild	1.0
FB20	Short Block	1.0
FD25	Crankcase Cover	.3

Clutch
 B25S (UT15182)
 F3040 (UT15176)
 Non-Clutch
 B25C (UT20768, UT20770)
 F2020 (UT20788, UT20789)

CARBURETOR - FUEL TANK



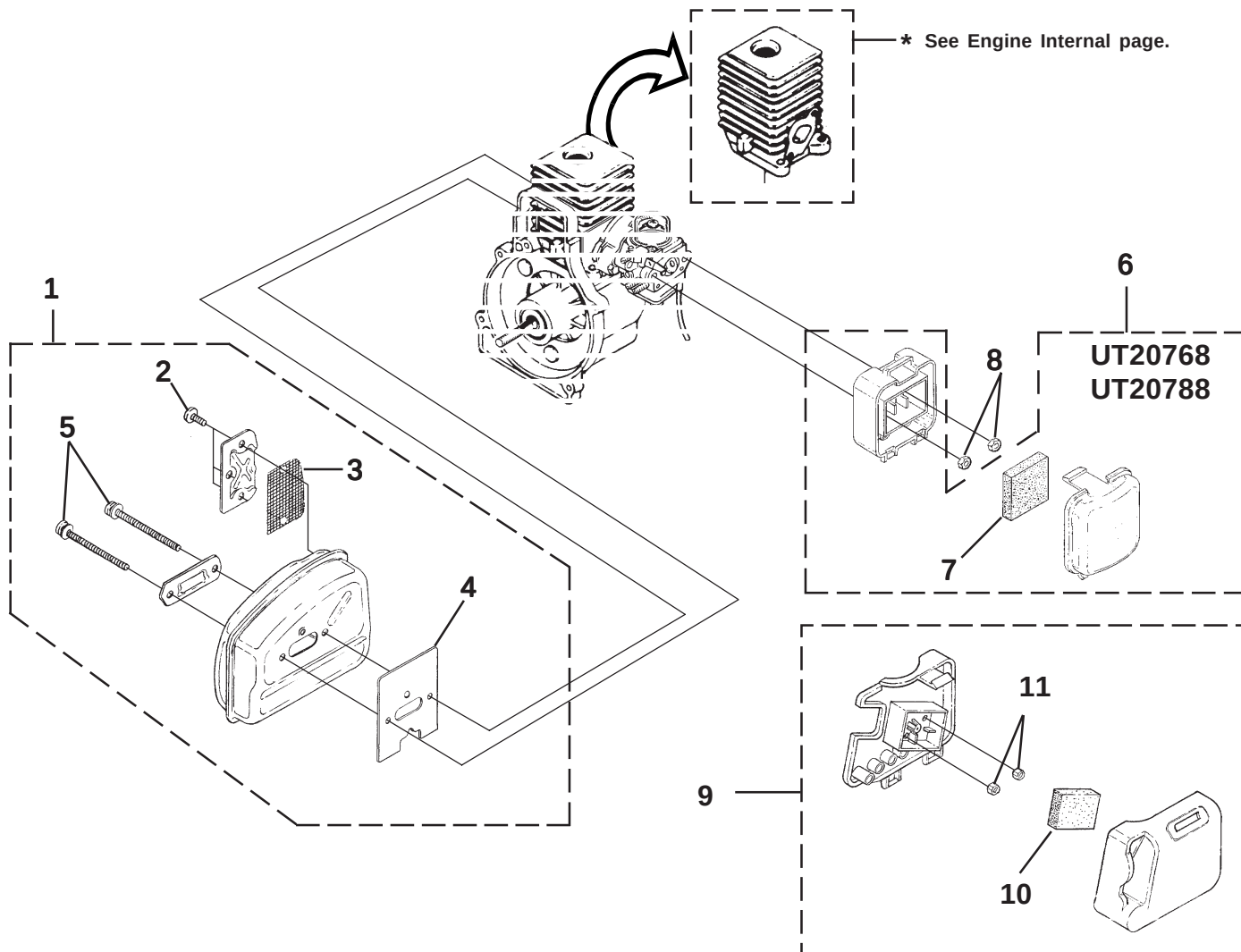
No.	Part No.	Description	Qty.
1	UP 04308	GASKET-Heat Dam	1
2	UP 04131	SCREW-Machine (10-24 X 2 1/4")	2
3	UP 04348	HEAT DAM	1
4	09322 1	SCREW-Sems (10-24 X 1")	2
5	•UP 00608	CARBURETOR KIT (UT20768,UT20788)	1
6	UP 03916	GASKET-Carburetor	1
7	UP 04278	Lever-Choke (Zama)	1
8	A 01195 A	Bulb-Primer	1
9	•UP 04742	CARBURETOR KIT (Non Clutch)	1
	UP 05085	CARBURETOR KIT (Clutch)	1
10	UP 03916	GASKET-Carburetor	1
11	UP 04740	Lever-Choke	1
12	A 01195 A	Bulb-Primer	1
13	•UP 00020	FUEL TANK ASSY.	1
14	UP 03871	FILTER-Fuel	1
15	UP 04293	TUBING-Rubber	1
16	UP 04292	TUBING-Rubber	1
17	UP 04715	TUBING-Rubber	1
18	UP 00106	FUEL CAP	1
19	UP 03501	BUMPER-Rubber	3
20	UP 03831	FITTING-Inline	1
21	UP 03913	CLAMP	1

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
4	35-45	4.0-5.1	Red 262

Warranty Flat Rate		
Job	Description	Time/Hr.
FF17	Manifold	.3
FF10	Carburetor Rep.	.3
FF16	Fuel Tank	.3
FF12	Fuel/Return Line	.3

Clutch	
B25S	(UT15182)
F3040	(UT15176)
Non-Clutch	
B25C	(UT20768, UT20770)
F2020	(UT20788, UT20789)

MUFFLER - AIR CLEANER



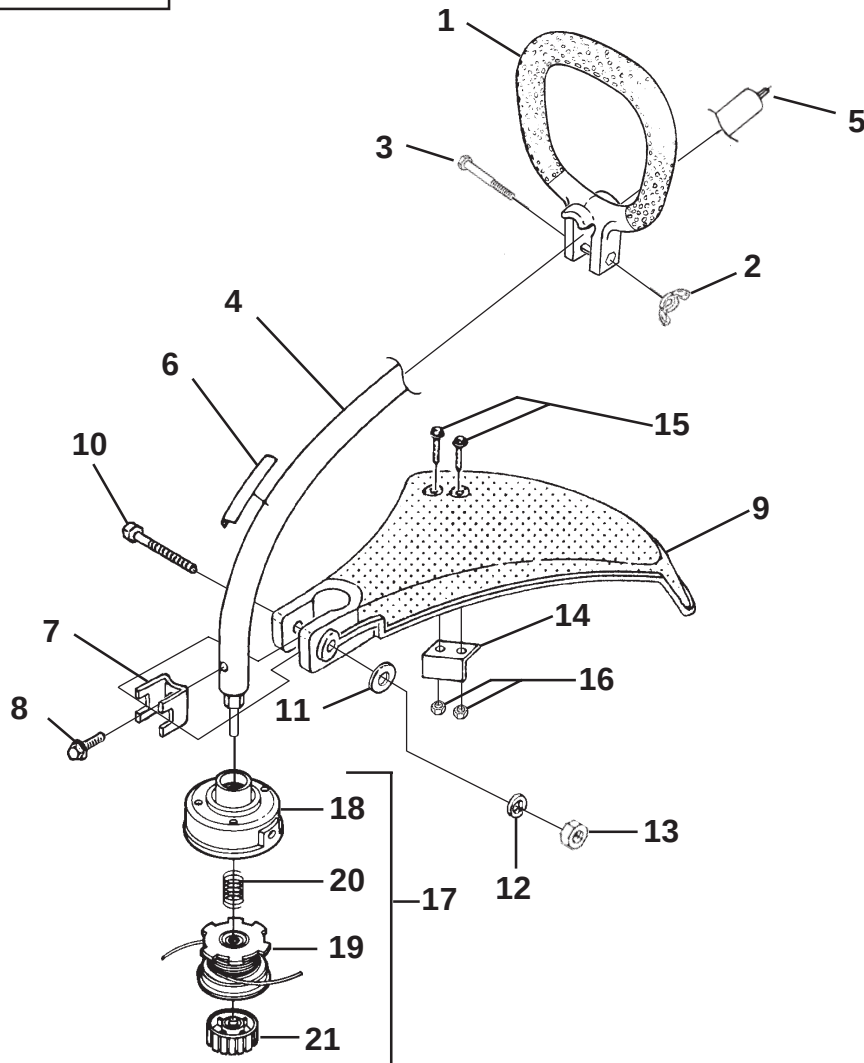
No.	Part No.	Description	Qty.
1	•UP 04634	MUFFLER ASSEMBLY	1
2	82600	SCREW, Taptite- (8-32 X 3/8")	3
3	UP 04629	SCREEN-Spark	1
4	09343	GASKET-Muffler	1
5	88083	SCREW, Truss Hd. - (10-24 X 2.188)	2
6	•UP 00022	AIR FILTER KIT (UT20768, UT20788)	1
7	D 98760 B	FILTER-AIR	1
8	UP 03885	NUT-Hex (10-24)	2
9	•UP 05084	AIR FILTER KIT	1
10	D 98760 B	FILTER-Air	1
11	UP 03885	NUT-Hex (10-24)	2

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
2	25-35	2.8-4.0	
5	50-60	5.6-6.8	
8	30-40	3.4-4.5	
11	30-40	3.4-4.5	

Warranty Flat Rate		
Job	Description	Time/Hr.
FB18 ...	Muffler-Replace	.3
FF42 ...	Air Filter Assy.	.2

B25C (UT20768, UT20770)
F2020 (UT20788, UT20789)

SHAFT - SPOOL & STRING - GRASS DEFLECTOR



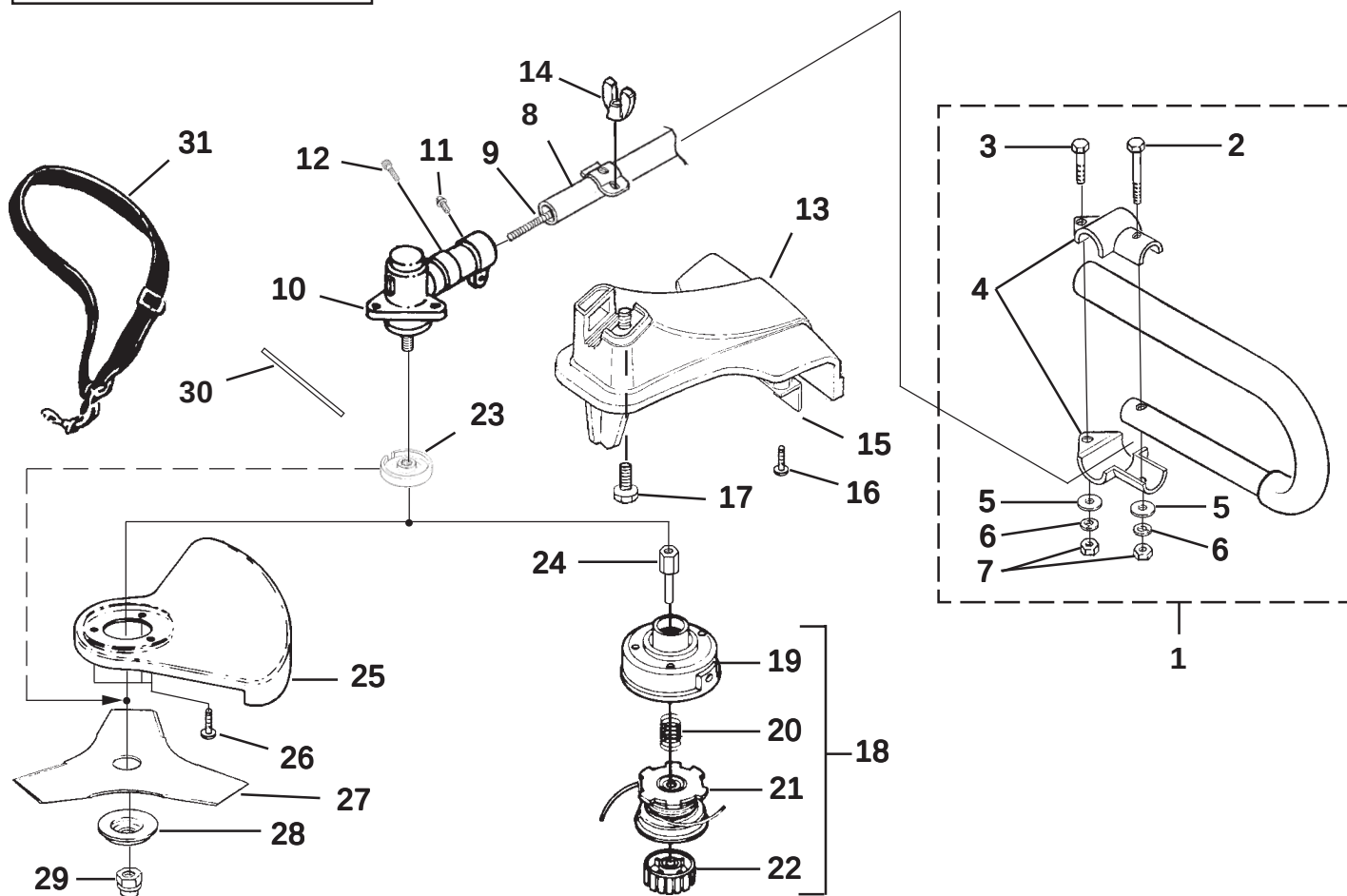
No.	Part No.	Description	Qty.
1	•UP 03010	HANDLE ASSY-Front	1
2	93992	NUT-Wing, Washer Faced (1/4-20)	1
3	80295	SCREW-Cap Hex Hd.	1
4	•UP 04357	DRIVESHAFT HOUSING ASSY.	1
5	UP 03031	SHAFT-Flexible	1
6	UP 04352	DECAL-Warning	1
7	07928	CLAMP	1
8	88077	SCREW-Sems Hex Hd. (#10-24 X 3/8")	1
9	• A 04705	DEFLECTOR & BLADE KIT (55 Deg.)	1
10	80295	SCREW-Cap Hex Hd. (10-24 X 2")	1
11	UP 03415	WASHER-Flat (1/4")	1
12	UP 03409	WASHER-Lock (1/4")	1
13	UP 03399	NUT-Hex	1
14	•UP 04119	BLADE-Cut-Off	1
15	82531	SCREW-Mech. Hex Hd. (10-24 X 7/8")	2
16	UP 03885	NUT-Hex (10-24)	2

No.	Part No.	Description	Qty.
17	•DA 03001 A	STRINGHEAD-Complete	1
18	A 98231 A	HOUSING & EYELET (Dual Line)	1
19	•UP 00145	SPOOL & STRING (.080" Line)	1
20	B 06713	SPRING-Compression	1
21	DA 98866 A	RETAINER-Spool (R.H. Thread, Black)	1

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
2	5-25	.6-2.8	
8	15-25	1.7-2.8	
15	5-25	.6-2.8	
16	30-40	3.4-4.5	

Warranty Flat Rate		
Job	Description	Time/Hr.
FM10	Stringhead Assy.	.2
FN12	Driveshaft	.3
FN13	Driveshaft Hsg.	.3
FN16	Deflector-Grass	.2
FD20	Front Handle	.2

SHAFT - SPOOL & STRING - GRASS DEFLECTOR



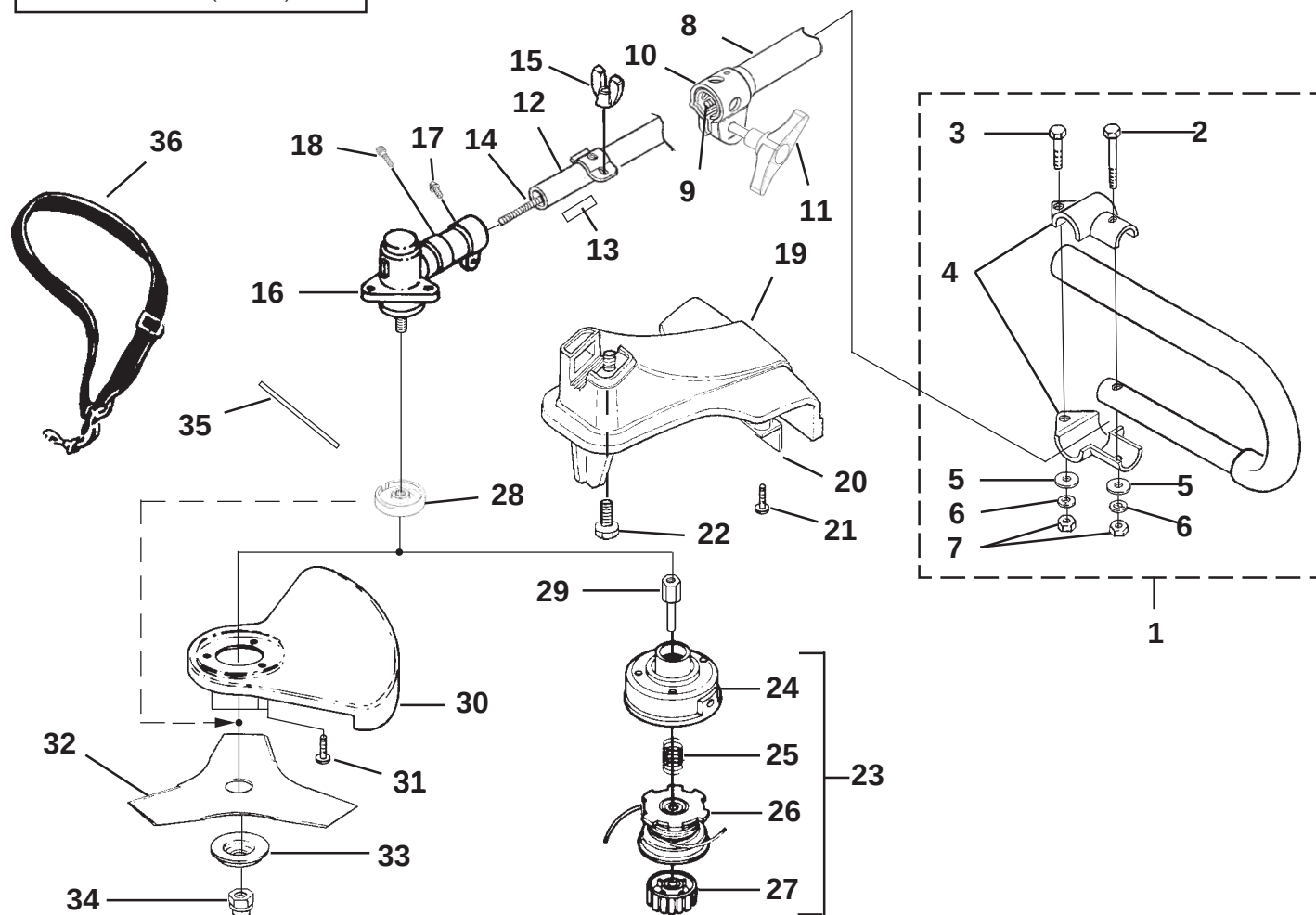
No.	Part No.	Description	Qty.
1	• A 07159	HANDLE("J")	1
2	UP 04154	SCREW-Hex Hd. (1/4-20 X 1 1/2")	1
3	UP 04158	SCREW-Hex Hd. (1/4-20 X 1")	1
4	UP 04105	CLAMP-Handle Bar	2
5	UP 04251	WASHER-Flat (1/4")	2
6	UP 03409	WASHER-Lock (1/4")	2
7	UP 03399	NUT-Hex (1/4-20)	2
8	• UP 05071	DRIVESHAFT HOUSING	1
9	UP 05072	FLEXSHAFT	1
10	• UP 04124	GEAR HEAD	1
11	UP 05572	Screw, Cap Hd. (1/4-20 X 7/8")	5
12	UP 04254	Screw-Hex Hd. (10-24 x 1/2")	2
13	• UP 05086	GRASS DEFLECTOR KIT	1
14	UP 04893	WING NUT	1
15	• UP 04890	BLADE-Cut-Off	1
16	UP 03898	SCREW, Thread Form. (10-24 X 3/4")	2
17	UP 04892	SCREW-Square Head	1

No.	Part No.	Description	Qty.
18	• DA 03174 A	STRINGHEAD-Complete (.095")	1
19	A 98231 A	HOUSING & EYELET (Dual Line)	1
20	B 06713	SPRING-Compression	1
21	UP 00147	SPOOL & STRING (.095")	1
22	UP 00104	RETAINER-Spool (L.H. Thread, Red)	1
23	UP 04126	WASHER-Flanged	1
24	98551 41	ADAPTER-Shaft	1
25	• UP 05070	BLADE GUARD	1
26	UP 04254	SCREW	3
27	D 98717 C	BLADE-Tri-Arc™	1
28	UP 04129	WASHER-Cupped (Lower)	1
29	UP 04127	NUT-Hex (L.H.)	1
30	UP 04100	TOOL-Holding Pin	1
31	UP 00108	HARNESS	1

Warranty Flat Rate		
Job	Description	Time/Hr.
FM10 ..	Stringhead Assy.	.2
FN13 ...	Driveshaft Housing	.4
FN15 ...	Gearhead	.3
FN16 ...	Deflector	.3

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
7	90-100	10.2-11.3	
11	15-20	1.7-2.3	
12	40-50	4.5-5.6	
16	30-50	3.4-5.6	
24	100-120	11.3-13.6	
26	15-20	1.7-2.3	
29	100-120	11.3-13.6	

SHAFT - SPOOL & STRING - GRASS DEFLECTOR



No.	Part No.	Description	Qty.
1	• A 07159	HANDLE("J")	1
2	UP 04154	SCREW-Hex Hd. (1/4-20 X 1 1/2")	1
3	UP 04158	SCREW-Hex Hd. (1/4-20 X 1")	1
4	UP 04105	CLAMP-Handle Bar	2
5	UP 04251	WASHER-Flat (1/4")	2
6	UP 03409	WASHER-Lock (1/4")	2
7	UP 03399	NUT-Hex (1/4-20)	2
8	• UP 05136	DRIVESHAFT HOUSING (Upper)	1
9	A 07667	FLEXSHAFT-w/Collar & Liner	1
10	• UP 03839	COUPLER KIT	1
11	UP 05137	KNOB	1
12	• UP 03956	DRIVESHAFT HOUSING (Lower)	1
13	UP 04116	DECAL-Warning	1
14	UP 04369	SHAFT-Flexible	1
15	UP 04893	WING NUT	1
16	• UP 04124	GEAR HEAD	1
17	82586	Screw, Cap Hd. (1/4-20 X 7/8")	5
18	UP 04254	Screw-Hex Hd. (10-24 x 1/2")	2
19	• A 05086	GRASS DEFLECTOR KIT	1
20	• UP 04890	BLADE-Cut-Off	1
21	UP 03898	SCREW, Thread Form. (10-24 X 3/4")	2
22	UP 04892	SCREW-Square Head	1
23	• DA 03174 A	STRINGHEAD-Complete (.095")	1
24	A 98231 A	HOUSING & EYELET (Dual Line)	1
25	B 06713	SPRING-Compression	1
26	UP 00147	SPOOL & STRING (.095")	1
27	UP 00104	RETAINER-Spool (L.H. Thread, Red)	1

No.	Part No.	Description	Qty.
28	UP 04126	WASHER-Flanged	1
29	98551 41	ADAPTER-Shaft	1
30	• UP 05070	BLADE GUARD	1
31	UP 04254	SCREW	3
32	D 98717 C	BLADE-Tri-Arc™	1
33	UP 04129	WASHER-Cupped (Lower)	1
34	UP 04127	NUT-Hex (L.H.)	1
35	UP 04100	TOOL-Holding Pin	1
36	UP 00108	HARNESS	1

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
7	90-100	10.2-11.3	
12	15-20	1.7-2.3	
13	40-50	4.5-5.6	
17	30-50	3.4-5.6	
19	100-120	11.3-13.6	
21	40-60	4.5-6.8	
34	100-120	11.3-13.6	

Warranty Flat Rate		
Job	Description	Time/Hr.
FM10	Stringhead Assy.	.2
FN12	Driveshaft (Upper)	.3
FN13	Driveshaft Housing	.4
FN15	Gearhead	.3
FN16	Deflector	.3

For product information, technical help, dealer locations or parts ordering information visit our website at:
www.homelite.com.

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