

Homelite®

PARTS LIST

ST155i (UT20685)

ST155i (CKD) (UT20687)

STRING TRIMMER

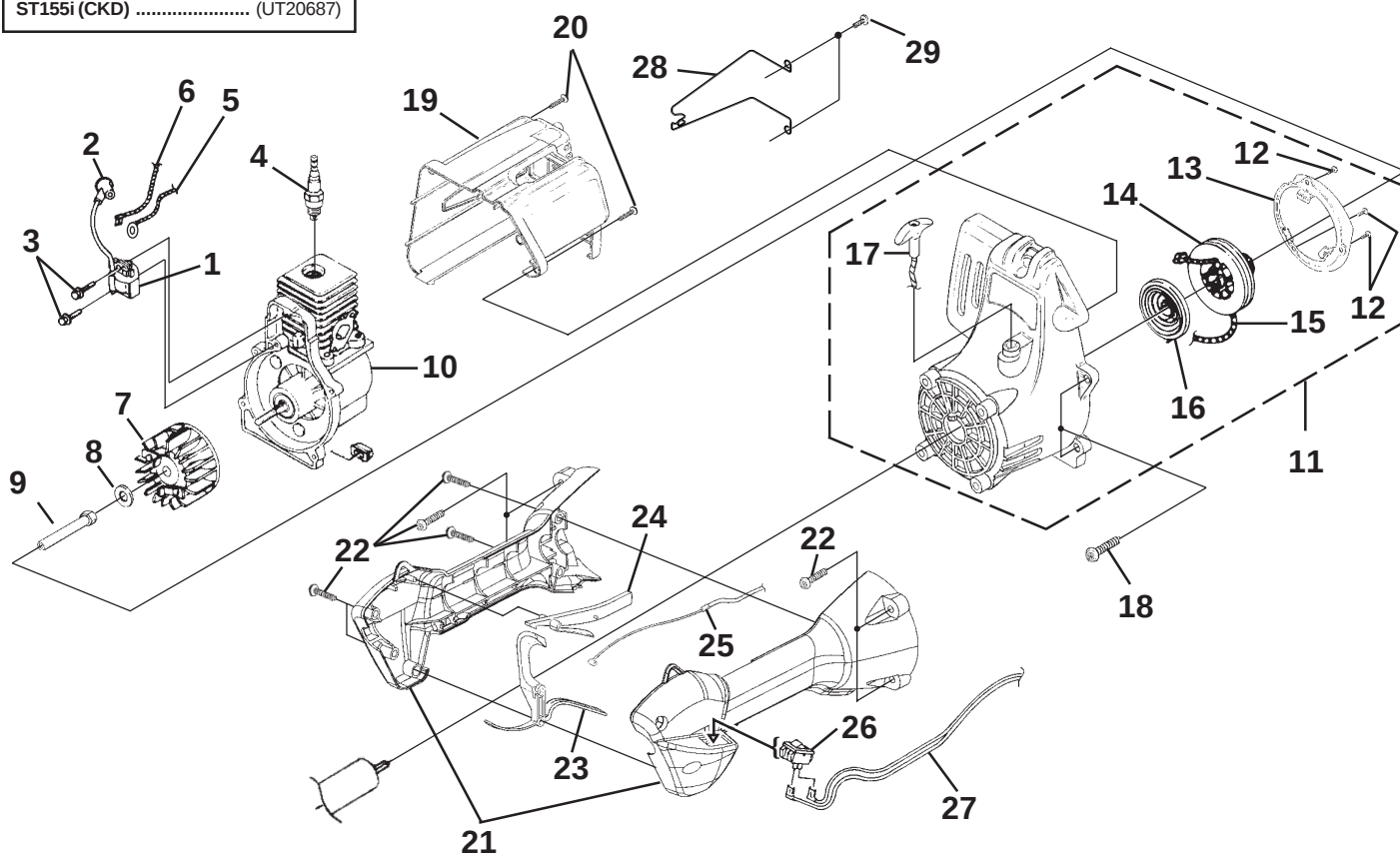
PART NO. PS00158

Printed in U.S.A.

Non-Clutch Models

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IGNITION - ROTOR - STARTER



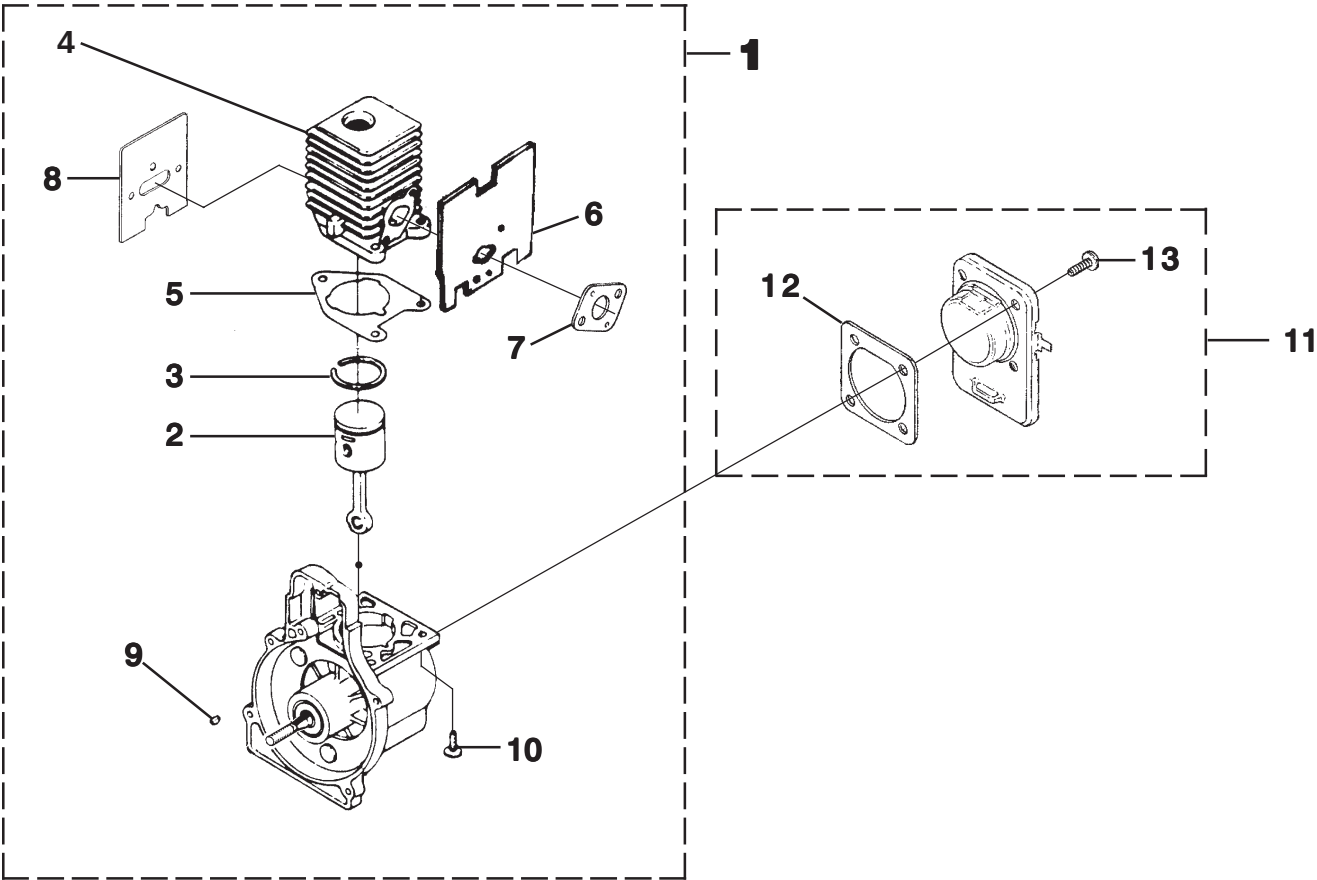
No.	Part No.	Description	Qty.
1	94711 CS	MODULE-Ignition	1
2	A 33055	TERMINAL & COVER	1
3	82540	SCREW-Taptite (8-32 X 1")	2
4	79252	SPARK PLUG - Resistor	1
5	A 06964	LEAD-Ground	1
6	A 06963	LEAD-Electrical	1
7	A 04158 S	ROTOR KIT	1
8	95479 A	WASHER-Flat	1
9	98795 A	CONNECTOR-Drive	1
10	UP 00017	SHORT BLOCK (Ref. Pg. 3, Item 1)	1
11	UP 00014	COMPLETE STARTER ASSEMBLY	1
12	82546	SCREW-Taptite (8-16 X 1/2")	3
13	09221	BAFFLE-Air	1
14	98770 A	PULLEY-Starter	1
15	97899 02	ROPE-Starter (42")	1
16	A 98773 A	SPRING & CONTAINER	1
17	06598	GRIP-Starter	1
18	82538	SCREW-Taptite (10-24 X 3/4")	4
19	UP 00023	HOUSING-Rear Kit	1
20	82537	SCREW-Taptite (10-14 X 7/8")	2
21	UP 00024	CONTROL HANDLE ASSY.	1
22	82537	SCREW-Taptite (10-14 X 7/8")	8
23	09219	TRIGGER-Throttle	1
24	09220	INTERLOCK-Throttle	1
25	09285	CABLE-Throttle	1
26	09375	SWITCH	1
27	A 09367	LEAD-Electrical	1
28	PS 00218	GUARD-Muffler	1
29	82541	SCREW-Thread Forming (10-14 X 1/2")	2

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	
9	100-150	11.3-16.9	
12	10-20	1.1-2.3	
18	30-40	3.4-4.5	
22	30-50	3.4-5.6	
29	5-20	.6-2.3	

Warranty Flat Rate		
Job	Description	Time/Hr.
FA11	Ignition Mod.	.3
FA12	Ground Lead	.3
FA17	Ignition Switch Leads	.4
FG10	Starter Assy.	.6
FD12	Engine Housing, Rear	.6
FF13	Trigger, Throttle cable	.3
FC12	Clutch Assy.	.4

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ENGINE INTERNAL



No.	Part No.	Description	Qty.
1	•UP 09055	SHORT BLOCK (Non-Clutch)	1
2	•UP 00098	PISTON & ROD ASSEMBLY	1
3	09272	RING-Piston	2
4	•UP 07145	CYLINDER ASSY.	1
5	04388 B	GASKET-Cylinder	1
6	07615	GASKET-Heat Dam	1
7	98766 A	GASKET-Carburetor	1
8	09343	GASKET-Muffler	1
9	69250	KEY-Woodruff	1
10	88084 1	SCREW-Sems (12-24 X 3/4")	3
11	•UP 00019	CRANKCASE COVER ASSEMBLY	1
12	08661	GASKET-Crankcase Cover *	1
13	88085 1	SCREW-Sems (10-24 X 1/2") *	4

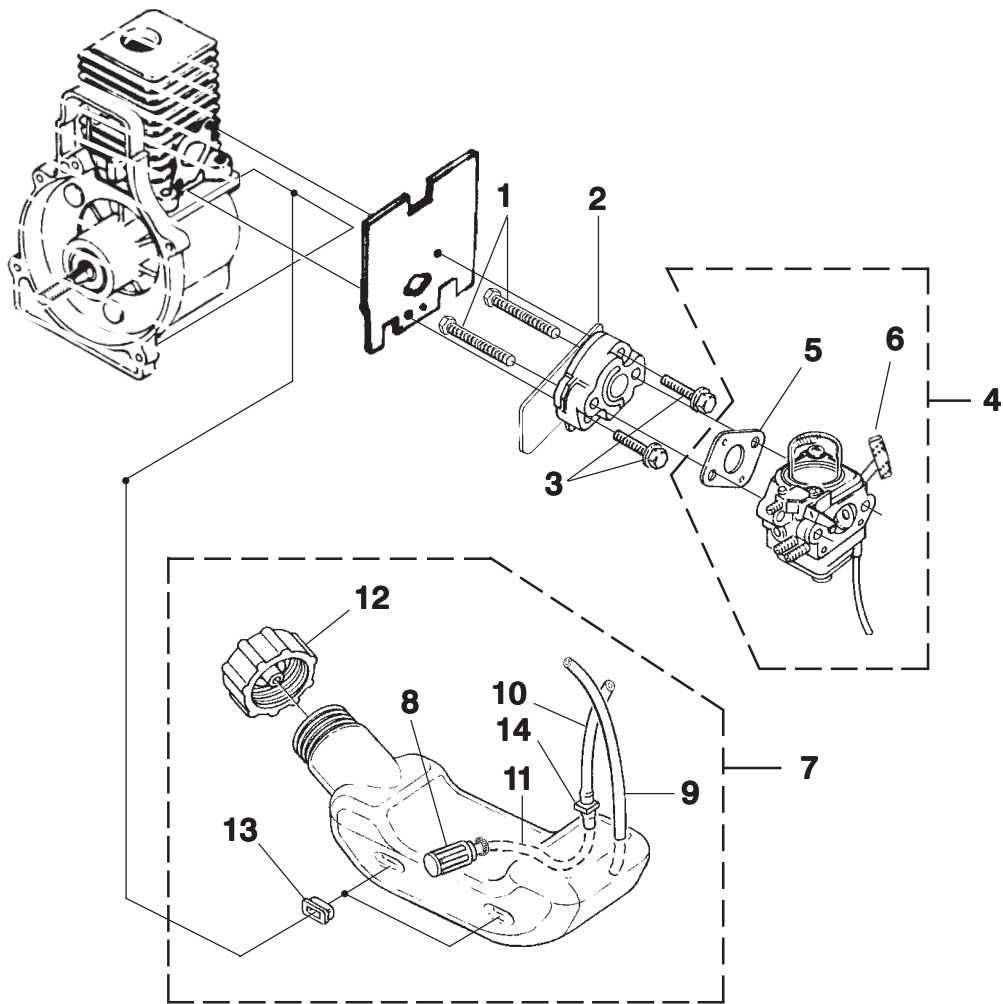
* Also included in Short block assembly

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
10	55-65	6.2-7.3	Red 262
13	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

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CARBURETOR - FUEL TANK



No.	Part No.	Description	Qty.
1	04474	SCREW-Machine (10-24 X 2 1/4")	2
2	08661	HEAT DAM	1
3	09322 1	SCREW-Sems (10-24 X 1") *	2
4	• UP00021	CARBURETOR KIT	1
5	98766 A	GASKET-Carburetor	1
6	PS 00236	LEVER-Choke (Zama)	1
7	• UP00020	FUEL TANK ASSY.	1
8	49422	FILTER-Fuel	1
9	01439 18	TUBING-Rubber	1
10	01439 10	TUBING-Rubber	1
11	94772 13	TUBING-Rubber	1
12	DA06486	FUEL CAP	1
13	98792	BUMPER-Rubber	3
14	02067	FITTING-Inline	1

* Also included in Short block assembly

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
3	35-45	4.0-5.1	Red 262

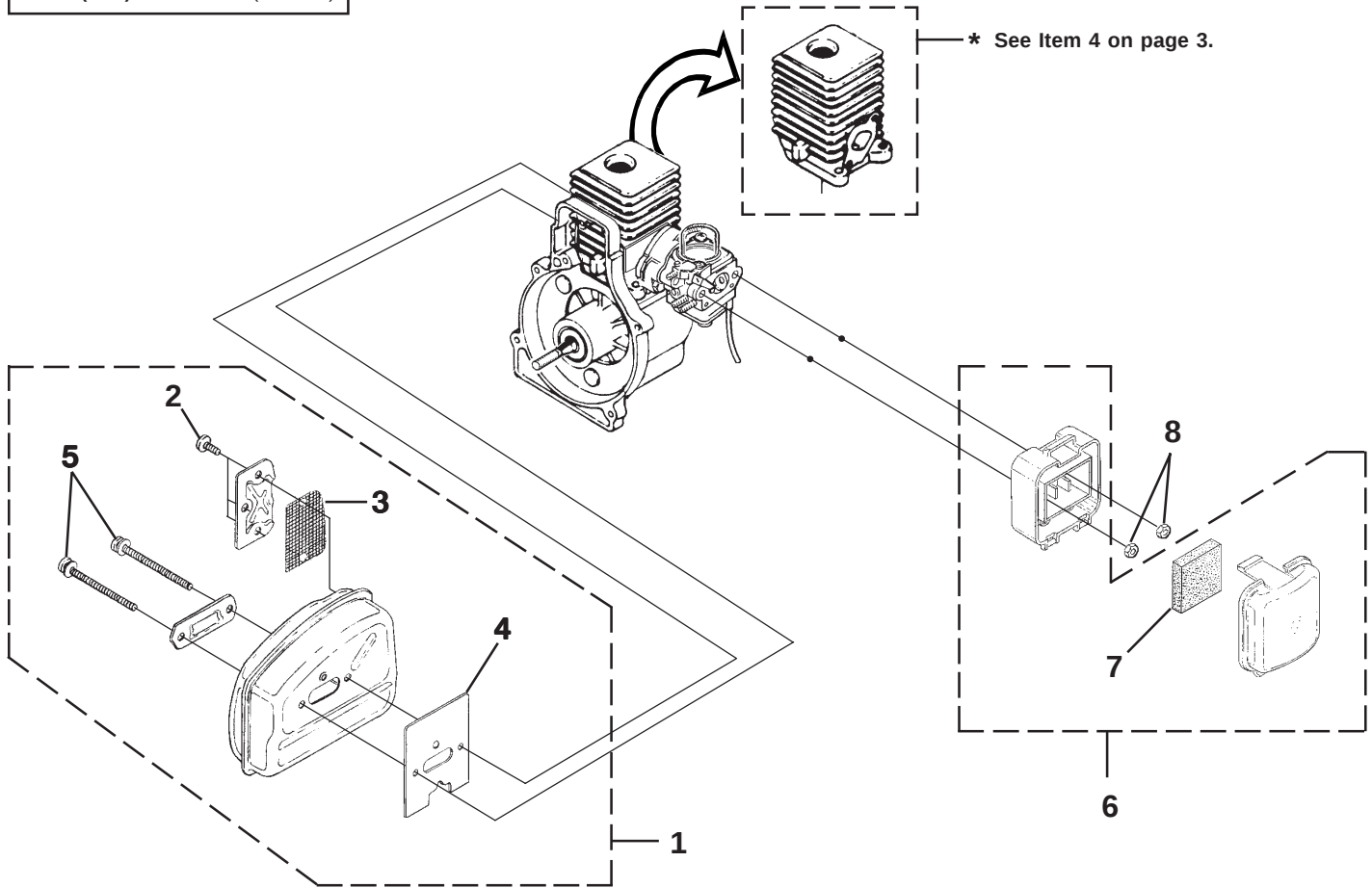
Warranty Flat Rate		
Job	Description	Time/Hr.
FF17 ...	Manifold	.3
FF10 ...	Carburetor Rep.	.3
FF16 ...	Fuel Tank	.3
FF12 ...	Fuel/Return Line	.3

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MUFFLER - AIR CLEANER



No.	Part No.	Description	Qty.
1	• A 07142 A	MUFFLER ASSY.	1
2	82600	SCREW, Taptite- (8-32 X 3/8")	3
3	06502	SCREEN-Spark	1
4	09343	GASKET-Muffler	1
5	82600	SCREW, Truss Hd. - (10-24 X 2.188)	2
6	•UP00022	AIR FILTER KIT	1
7	98760	FILTER-AIR	1
8	81208	NUT-Hex (10-24)	2

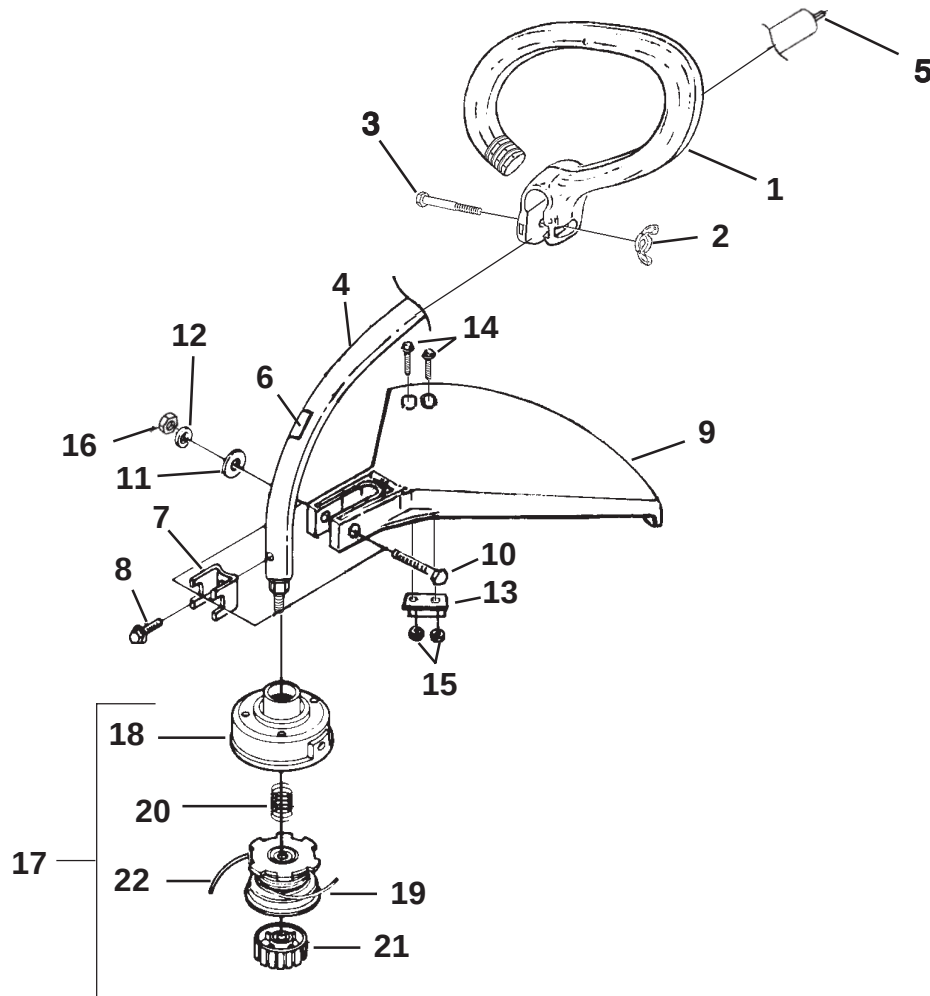
Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
2	25-35	2.8-4.0	
5	50-60	5.6-6.8	
8	30-40	3.4-4.5	

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

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SHAFT - SPOOL & STRING - GRASS DEFLECTOR



No.	Part No.	Description	Qty.
1	• A 07136	HANDLE ASSY-Front	1
2	93992	NUT-Wing, Washer Faced (1/4-20)	1
3	80295	SCREW-Cap Hex Hd.	1
4	•UP 00224	DRIVESHAFT HOUSING ASSY.	1
5	98816	SHAFT-Flexible	1
6	02985	DECAL-Warning	1
7	07928	CLAMP	1
8	88077	SCREW-Sems Hex Hd. (#10-24 X 3/8")	1
9	• A 04704	DEFLECTOR & BLADE KIT (100 Deg.)	1
10	80295	SCREW-Cap Hex Hd. (10-24 X 2")	1
11	84006	WASHER-Flat (1/4")	1
12	83009	WASHER-Lock (1/4")	1
13	• A 03832	BLADE-Cut-Off	1
14	82531	SCREW-Mech. Hex Hd. (10-24 X 7/8")	2
15	81208	NUT-Hex (10-24)	2
16	81242	NUT-Hex	1
17	•DA 03001 A	STRINGHEAD-Complete	1
18	A 98231 A	HOUSING & EYELET (Dual Line)	1
19	•DA 98912 E	SPOOL & STRING (.080" Line)	1
20	B 06713	SPRING-Compression	1
21	DA 98866 A	RETAINER-Spool (R.H. Thread, Black)	1
22	D 06510	STRING - (.080) (195 ft.)	1

Torque Specs			
Item No.	In/Lbs	Nm	Required Loctite
2	5-25	.6-2.8	
8	15-25	1.7-2.8	
14	5-25	.6-2.8	
15	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

ACCESSORIES

GREASE, MULTI-PURPOSE	18453	SAFETY GOGGLES	A06933
THREAD LOCKING COMPOUND	23488 C	EAR PLUGS	07686
MODULE AIR GAP SHIM	PS 24306	NON-SLIP GLOVES	A07687
GRASS ANTI-WRAP KIT	A 04191	DIGITAL TACHOMETER	18416
STARTER ROPE (250 Ft. Reel)	98052 A	STRINGHEAD-Complete	DA 03001 A
TORX BIT (T25)	24982 03	(.080 Line) (Right Hand Thread) (Black Retainer)	
(For Clutch Drums)		REPLACEMENT STRING (3 lb. Box)	98011 06
TORX BIT (T27)	18566 01	(.080" Dia.)	
IGNITION TEST SPARK PLUG	JA 31316 4		
RUBBER TUBING (10 Ft.)	94772 99		
(10 Ft.)	01439 99		

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