

Homelite®

PARTS LIST

ST-155i

(UT20563-E, F)

ST-385i

(UT15088-F, G)

HBC-30i

(UT15085-G, H)

HBC-30Bi

(UT15086-G, H)

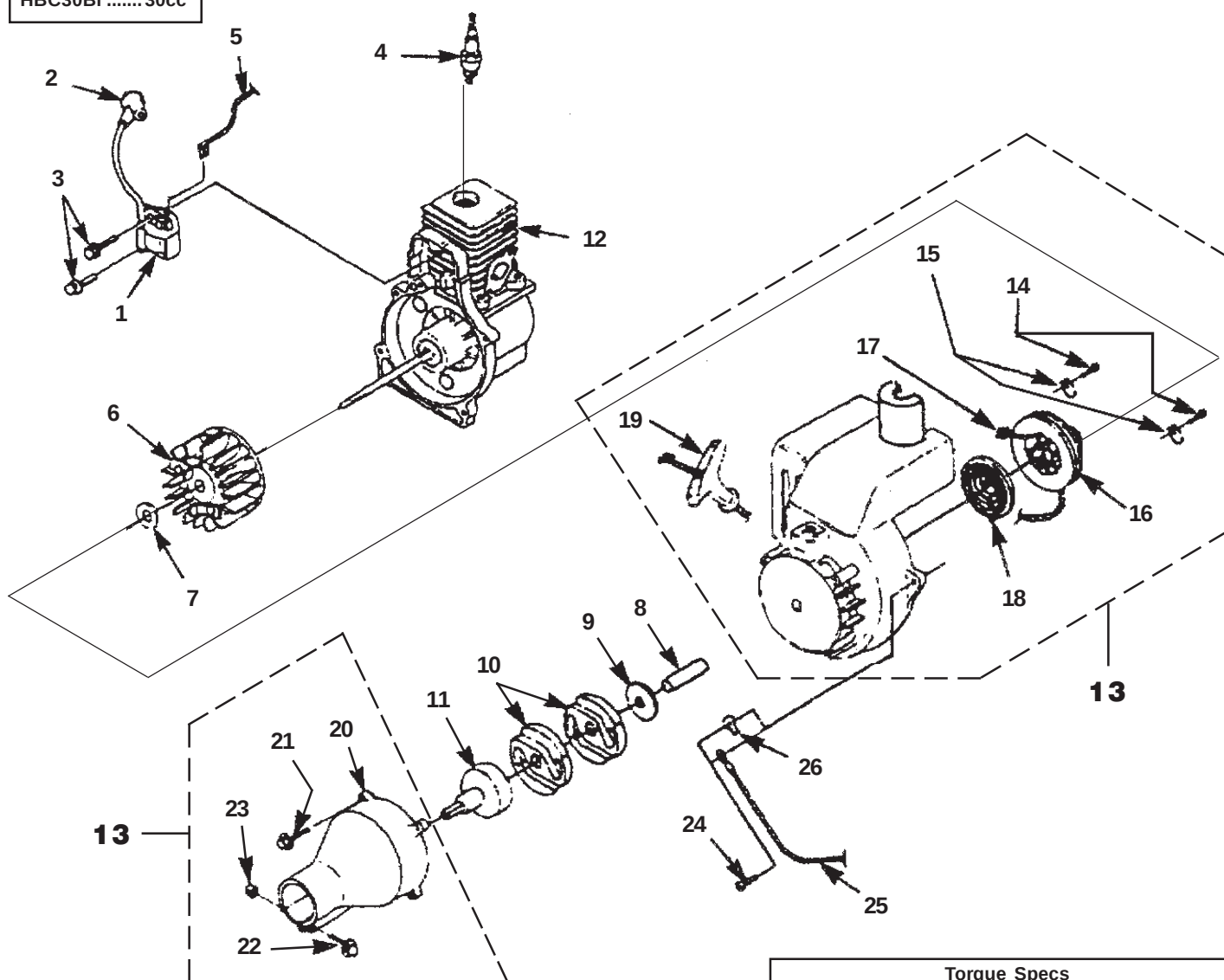


PART NO. PS01239

Printed in U.S.A.

ST-385i25cc
HBC30i30cc
HBC30Bi30cc

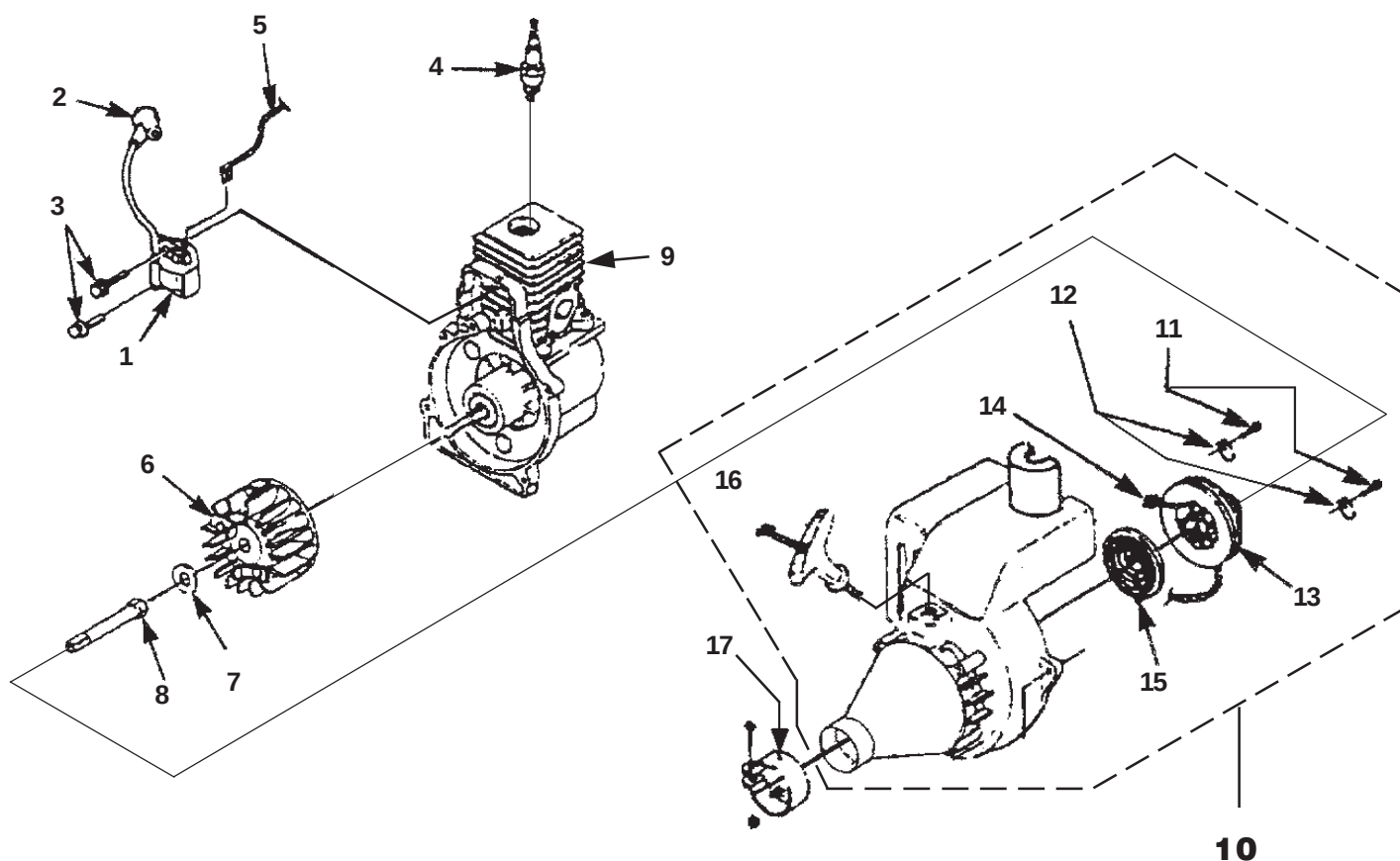
IGNITION - ROTOR - STARTER - CLUTCH



Item No	In/Lbs	Torque Specs Nm	Required Loctite
3	30-40	3.4-4.5	
4	120-180	13.6-20.3	
14	30-40	3.4-4.5	
21	30-40	3.4-4.5	
23	40-50	4.5-5.6	
24	55-60	6.2-6.8	

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	1
5	A 00681	LEAD-Electrical	1
6	A 04158 S	ROTOR KIT	1
7	95479 A	WASHER-Flat	1
8	PS 03566 1	SPACER	1
9	98929 A	WASHER-Flat	1
10	00242	CLUTCH (ST385i)	2
		CLUTCH (HBC-30i, HBC-30Bi)	3
11	A 03485 B	CONNECTOR & DRUM (HBC-30i, HBC-30Bi)	1
11	A 02727	CONNECTOR & DRUM (ST385i)	1
12		SHORT BLOCK (See Pg. 4)	1

No.	Part No.	Description	Qty
13	A 04638 C	COMPLETE STARTER ASSEMBLY	1
14	82541	SCREW-Plastite (#10-1/2")	2
15	98791	BRACKET-Retaining	2
16	98770 A	PULLEY-Starter	1
17	97899 02	ROPE-Starter (42")	1
18	A 98773 A	SPRING & CONTAINER	1
19	02264	GRIP-Starter	1
20	A 02396 A	TUBE ADAPTER	1
21	88052	SCREW-Hex Hd. (10-24 X 7/8")	4
22	96624	SCREW-Sems Hex Hd. (10-24 X 1 1/8")	1
23	81208	NUT (10-24)	1
24	82538	SCREW-Taptite (10-24 X 3/4")	4
25	A 98919 A	LEAD-Ground	1
26	02851	TERMINAL-Male	1

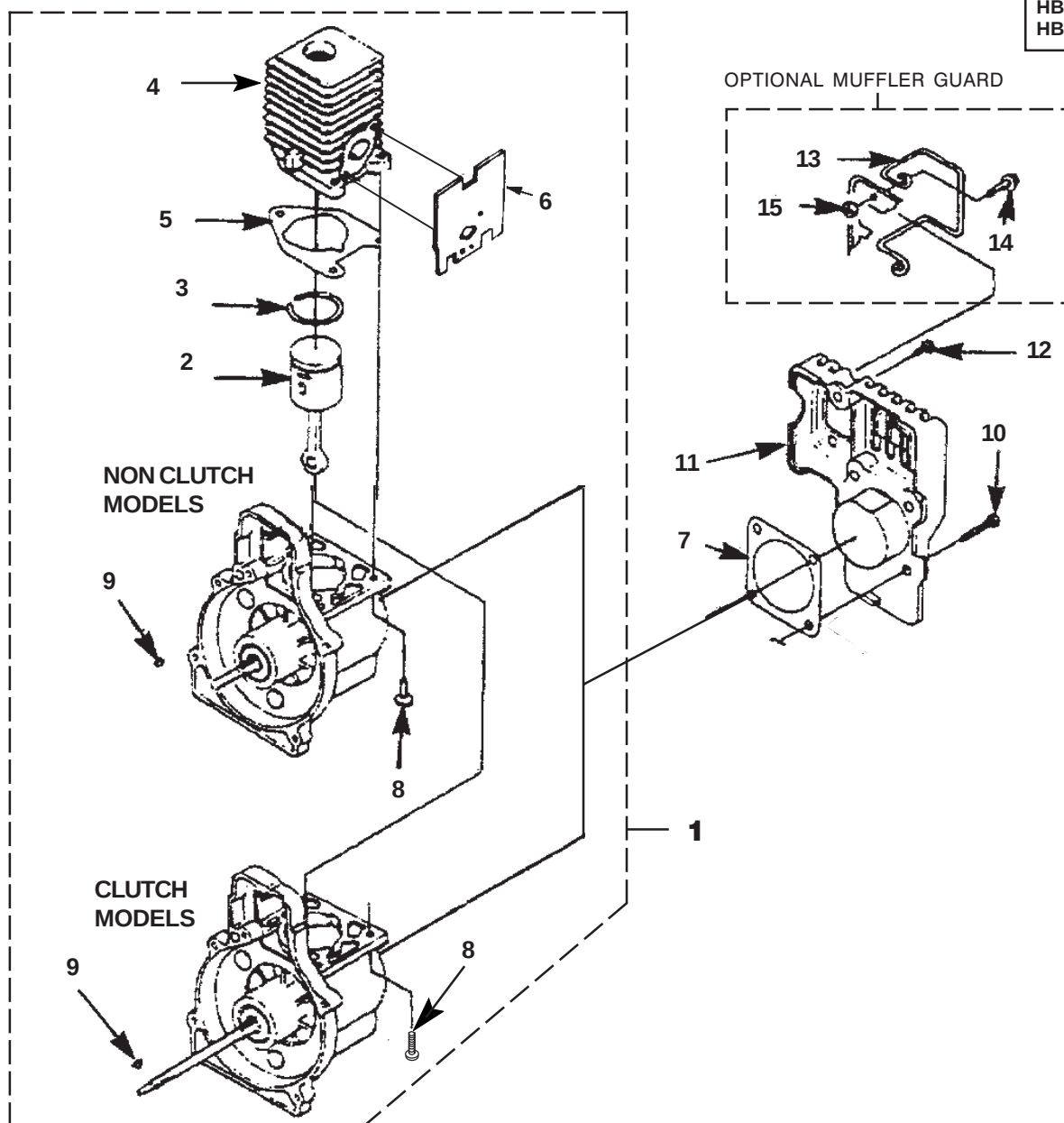
IGNITION - ROTOR - STARTER

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	1
5	A 00681	LEAD-Electrical	1
6	• A 04158 S	ROTOR KIT	1
7	95479 A	WASHER-Flat	1
8	98795 A	CONNECTOR-Drive	1
9		SHORT BLOCK (See Pg. 4)	1
10	• A 02575 E	COMPLETE STARTER ASSEMBLY	1
11	82541	SCREW-Plastite (#10-1/2")	2
12	98791	BRACKET-Retaining	2
13	98770 A	PULLEY-Starter	1
14	97899 02	ROPE-Starter (42")	1
15	A 98773 A	SPRING & CONTAINER	1
16	02264	GRIP-Starter	1
17	• 08469	CLAMP w/fasteners	1

Item No	In/Lbs	Torque Specs		Required Loctite
			Nm	
3	30-40	3.4-4.5		
4	120-180	13.6-20.3		
11	30-40	3.4-4.5		

ENGINE INTERNAL

ST-155i 25cc
ST-385i 25cc
HBC30i 30cc
HBC30Bi 30cc



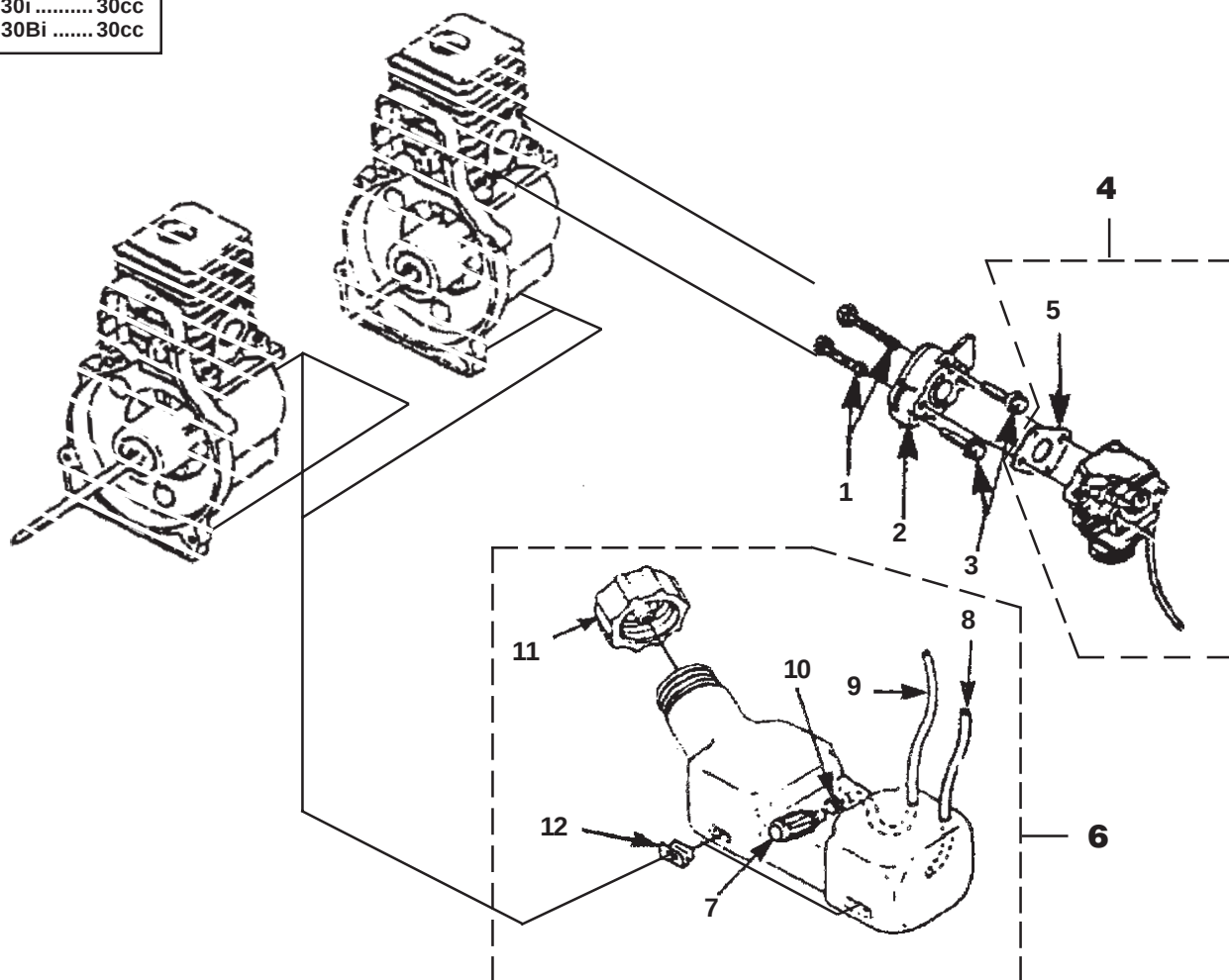
No.	Part No.	Description	Qty
1	• A 07135 A	SHORT BLOCK (30CC Clutch)	1
2	• A 03599	30CC PISTON & ROD	1
3	03179	RING-Piston	2
4	•UP 07146	30CC CYLINDER KIT	1
5	04388 B	GASKET-Cylinder	1
6	06900 A	GASKET-Heat Dam	1
7	08661	GASKET-Crankcase Cover	1
8	88084 1	SCREW, SEMS (12-24 x .750)	3
9	69250	KEY-Woodruff	1
10	88081 1	SCREW, SEMS (10-24 x .910)	4
1	• A 09055 A	SHORT BLOCK (25CC Non Clutch)	1
	• A 09056 A	SHORT BLOCK (25CC Clutch)	1
NOTE: Both Short Blocks Include The Following:			
2	• A 07314 B	25CC PISTON & ROD	1
3	96935	RING-Piston	1
4	•UP 07145	25CC CYLINDER KIT	1
5	04388 B	GASKET-Cylinder	1
6	06900 A	GASKET-Heat Dam	1

No.	Part No.	Description	Qty
7	08661	GASKET-Crankcase Cover	1
8	88084 1	SCREW, SEMS (12-24 x .750)	3
9	69250	KEY-Woodruff	1
10	88081 1	SCREW, SEMS (10-24 x .910)	4
11	•A 00858	CRANKCASE COVER	1
7	08661	GASKET-Crankcase Cover	1
12	82541	SCREW-Plastite (#10 X 1/2")	2
13	•A 00254 A	WIRE GUARD KIT	1
14	88049	SCREW-Hex Sems (10-24 X 1/2")	2
15	81208	NUT (10-24)	2

Item No	In/Lbs	Torque Specs	
		Nm	Required Loctite
8	55-65	6.2-7.3	
10	25-30	2.8-3.4	
12	30-40	3.4-4.5	
14	40-50	4.5-5.6	

ST-155i- 25cc
ST-385i 25cc
HBC30i 30cc
HBC30Bi 30cc

CARBURETOR - FUEL TANK



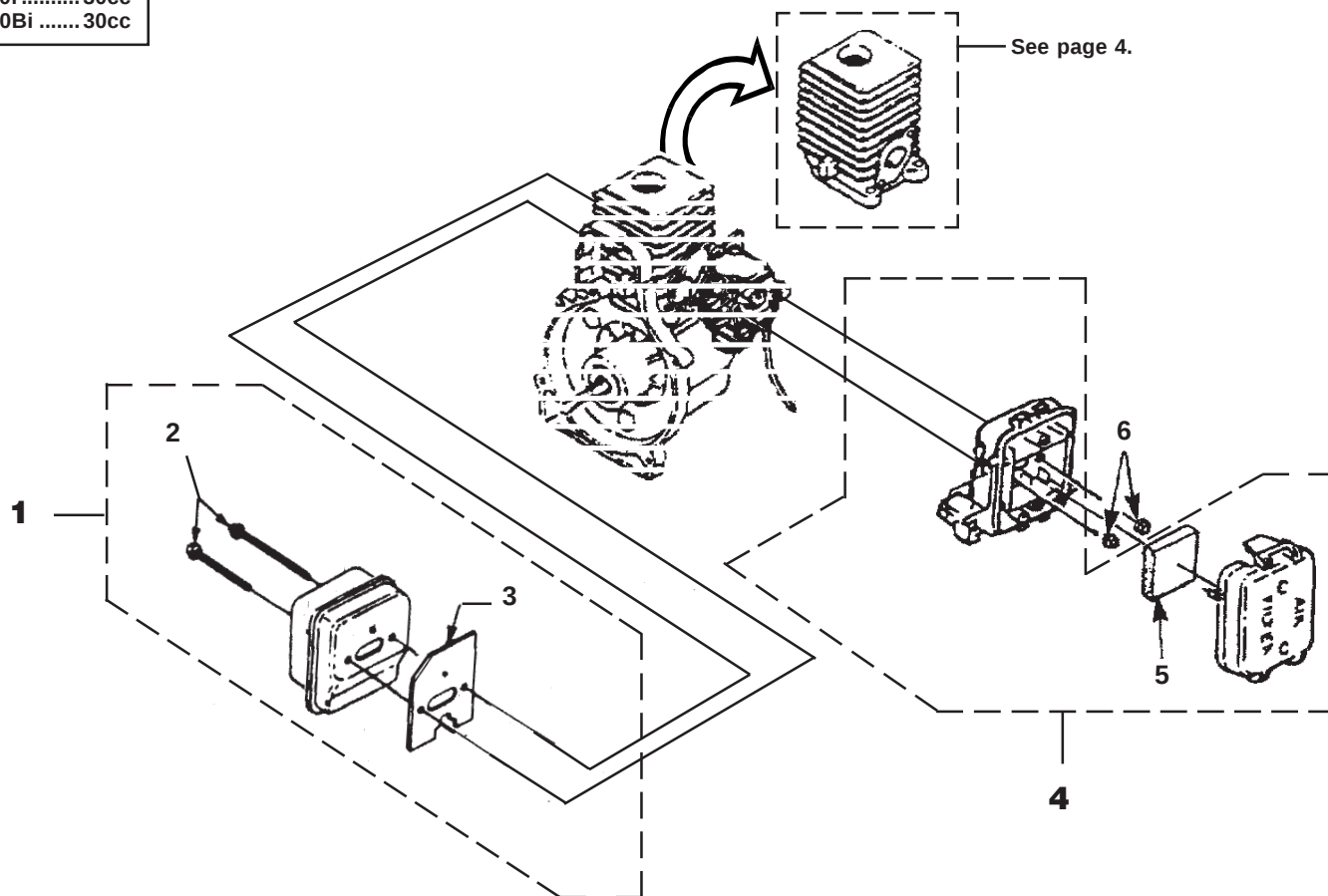
No.	Part No.	Description	Qty
1	04474	SCREW-Machine (10-24 x 2 1/4")	2
2	98768 A	HEAT DAM	1
3	09322 1	SCREW, SEMS (10-24 x 1") *	2
4	• A 04445 A	CARBURETOR KIT	1
5	98766 A	GASKET-Carburetor *	1
6	• A 04447 D	FUEL TANK	1
7	49422	FILTER-Fuel	1
8	01439 32	TUBING-Rubber (8")	1
9	94772 32	TUBING-Rubber (8")	1
10	98268	CLAMP-Wire	1
11	A 00982 B	FUEL CAP	1
12	98792	BUMPER-Rubber	3

Item No	Torque Specs		Required Loctite
	In/Lbs	Nm	
1	30-40	3.4-4.5	
3	40-50	4.5-5.6	Red 262

* Also included with Short Block and Cylinder Kits.

ST-155i- 25cc
 ST-385i 25cc
 HBC30i 30cc
 HBC30Bi 30cc

MUFFLER - AIR CLEANER

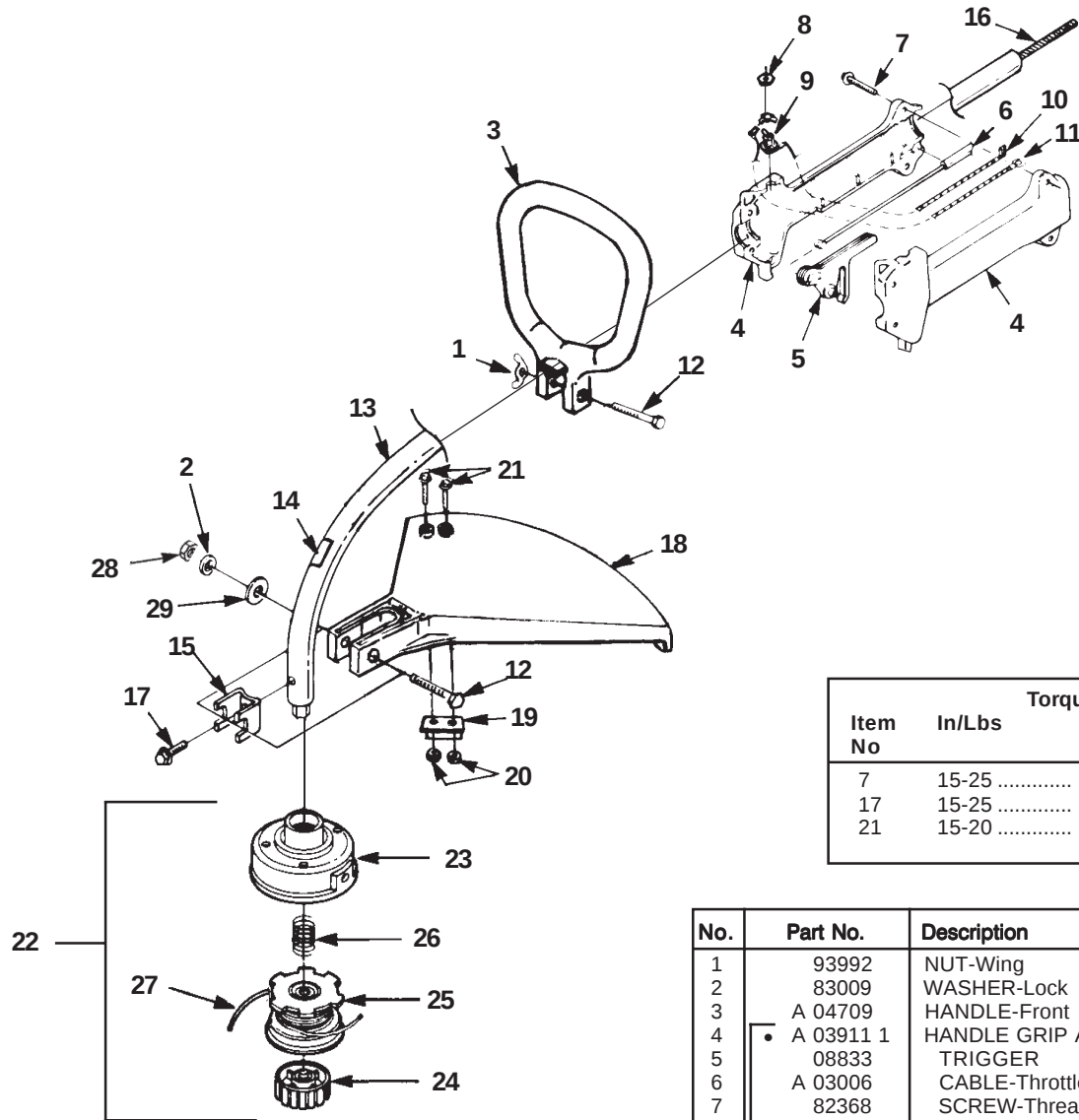


No.	Part No.	Description	Qty
1	• A 07315	MUFFLER COMPLETE	1
2	88060	SCREW-Sems Hex (10-24 X 2 1/2")	2
3	98786 C	GASKET-Muffler *	1
4	• A 04707 A	AIR FILTER KIT	1
5	D 98760 B	FILTER-AIR	1
6	81208	NUT-Hex (10-24)	2

Item No	In/Lbs	Torque Specs		Required Loctite
			Nm	
2	40-50	4.5-5.6		
6	40-50	4.5-5.6		

* Also included with Short Block and Cylinder Kits.

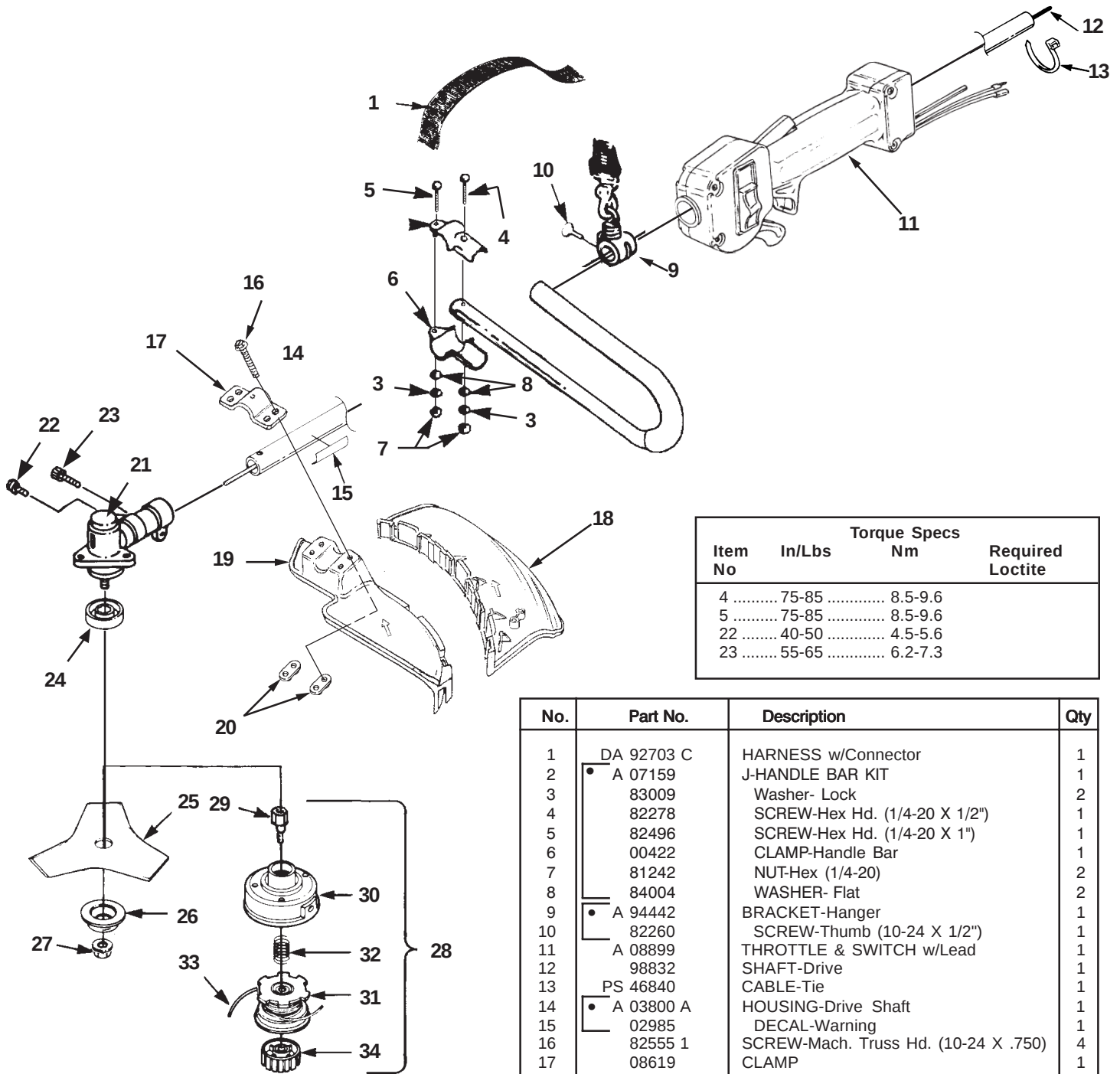
CURVED SHAFT BOOM - HANDLE - THROTTLE - STRINGHEAD - GRASS DEFLECTOR



Item No	In/Lbs	Torque Specs		Required Loctite
			Nm	
7	15-25	1.7-2.8		
17	15-25	1.7-2.8		
21	15-20	1.7-2.8		

No.	Part No.	Description	Qty
1	93992	NUT-Wing	2
2	83009	WASHER-Lock (1/4")	1
3	A 04709	HANDLE-Front	1
4	• A 03911 1	HANDLE GRIP ASSEMBLY	1
5	08833	TRIGGER	1
6	A 03006	CABLE-Throttle	1
7	82368	SCREW-Thread Form. (#8 X 3/4")	5
8	72084 A1	NUT-Toggle Switch	1
9	93653	TOGGLE SWITCH	1
10	A 03912	LEAD-Electrical	1
11	A 98919 A	LEAD-Ground	1
12	80295	SCREW-Cap Hex Hd. (1/4-20 x 2")	2
13	• A 08738	HOUSING-Driveshaft	1
14	02985	DECAL-Starting Inst.	1
15	07928	CLAMP	1
16	98816	SHAFT-Flexible	1
17	88077	SCREW-Thread Form. (#10 x 1/2")	1
18	• A 04704	DEFLECTOR 100°	1
	• A 04705	DEFLECTOR 55°	
19	07129	BLADE-Cut-Off	1
20	81261	NUT-Hex (10-24)	2
21	82531	SCREW-Mach. Hex Hd. (10-24 X 1")	2
22	• DA 03001 A	STRINGHEAD COMP. (.080 Dia Line)	1
23	A 98231 A	HOUSING & EYELET-Dual Line	1
24	DA 98866 A	RETAINER-Spool	1
25	• DA 98912 E	SPOOL & STRING (Dual Line) (.080 Dia)	1
26	B 06713	SPRING-Compression	1
27	06511	STRING (.080 Dia) (395 Ft.)	1
28	81242	HEX NUT	1
29	84006	WASHER-Flat (1/4")	1

STRAIGHT SHAFT BOOM - HANDLE - THROTTLE - STRINGHEAD - GRASS DEFLECTOR

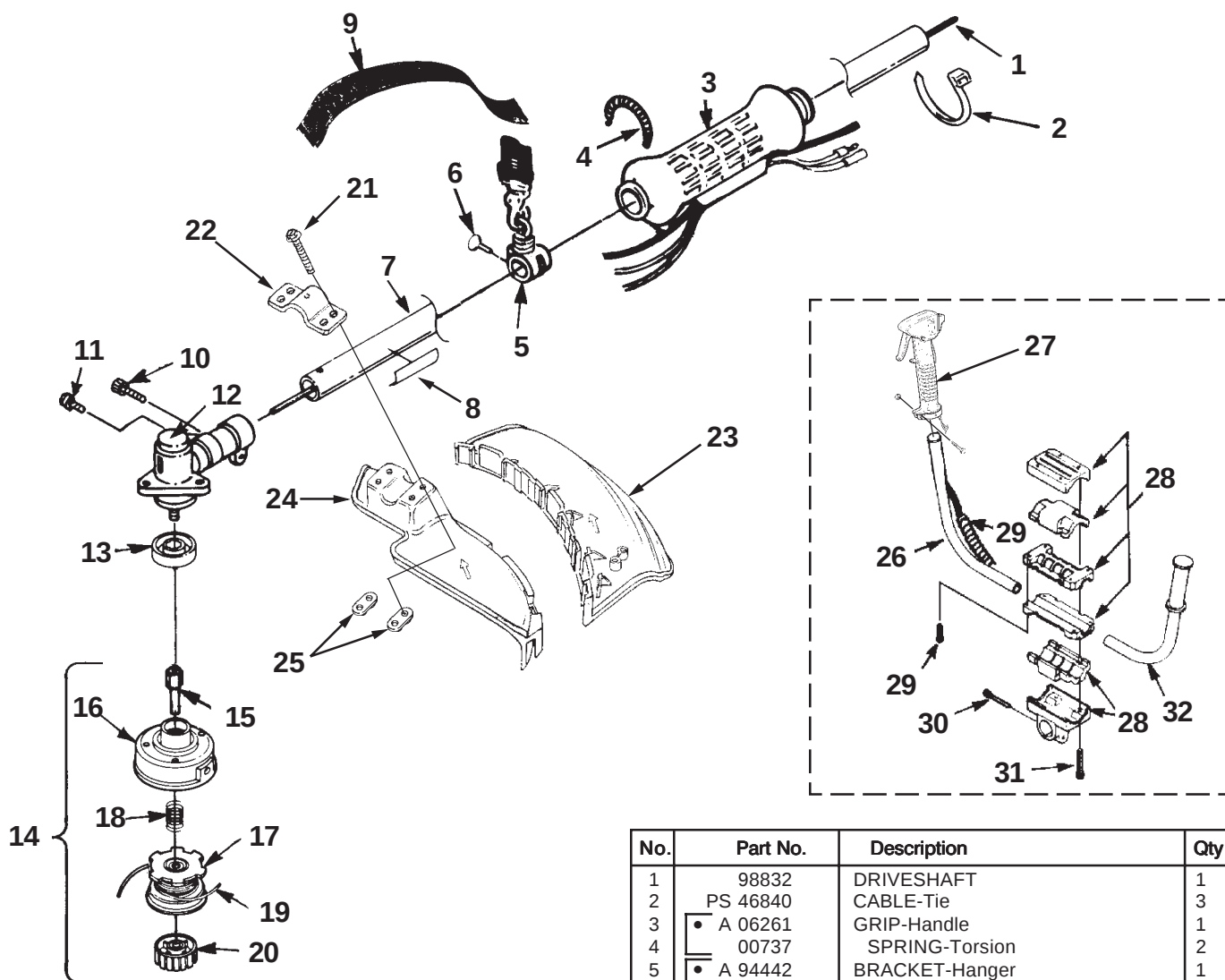


Item No	In/Lbs	Torque Specs	
		Nm	Required Loctite
4	75-85	8.5-9.6	
5	75-85	8.5-9.6	
22	40-50	4.5-5.6	
23	55-65	6.2-7.3	

No.	Part No.	Description	Qty
1	DA 92703 C	HARNESS w/Connector	1
2	• A 07159	J-HANDLE BAR KIT	1
3	83009	Washer- Lock	2
4	82278	SCREW-Hex Hd. (1/4-20 X 1 1/2")	1
5	82496	SCREW-Hex Hd. (1/4-20 X 1")	1
6	00422	CLAMP-Handle Bar	1
7	81242	NUT-Hex (1/4-20)	2
8	84004	WASHER- Flat	2
9	A 94442	BRACKET-Hanger	1
10	82260	SCREW-Thumb (10-24 X 1/2")	1
11	A 08899	THROTTLE & SWITCH w/Lead	1
12	98832	SHAFT-Drive	1
13	PS 46840	CABLE-Tie	1
14	• A 03800 A	HOUSING-Drive Shaft	1
15	02985	DECAL-Warning	1
16	82555 1	SCREW-Mach. Truss Hd. (10-24 X .750)	4
17	08619	CLAMP	1
18	A 08152	STRING SHIELD	1
19	08573	BLADE GUARD	1
20	A 08139	MOUNTING PLATE	1
21	A 03888	GEAR HEAD	1
22	88049	SCREW-Sems Hex Hd. (10-24 X 1/2")	1
23	82586	SCREW-Cap Socket Hd. (1/4-20 x 7/8")	1
24	04168 1A	WASHER-Flange	1
25	D 98717 C	BLADE-Tri-Arc	1
26	04409	WASHER-Flange	1
27	04277	NUT-Hex (L.H.)	1
28	• DA 03174 A	STRINGHEAD COMPLETE	1
29	98551 41	CONNECTOR-Drive	1
30	A 98231 A	HOUSING & EYELET (Dual Line)	1
31	• DA 02598 C	SPOOL & STRING (Dual Line)	1
32	B 06713	SPRING-Compression	1
33	D 06514	LINE-Replacement (.095" Dia.) (285')	1
34	A 97910 A	RETAINER-Spool (L.H.) (Red)	1

HBC30i 30cc
HBC30Bi 30cc

STRAIGHT SHAFT BOOM - HANDLE - THROTTLE - STRINGHEAD - GRASS DEFLECTOR



Item No	In/Lbs	Torque Specs Nm	Required Loctite
10	55-65	6.2-7.3	
11	40-50	4.5-5.6	

No.	Part No.	Description	Qty
1	98832	DRIVESHAFT	1
2	PS 46840	CABLE-Tie	3
3	• A 06261	GRIP-Handle	1
4	00737	SPRING-Torsion	2
5	• A 94442	BRACKET-Hanger	1
6	82260	SCREW-Thumb (10-24 X 1/2")	1
7	• A 03800 A	HOUSING-Driveshaft	1
8	02985	DECAL-Warning	1
9	DA 92703 C	HARNESS w/Connector	1
10	82586	SCREW-Cap Socket Hd. (10-24 X 1")	2
11	88049	SCREW-Sems Hex Hd. (10-24 X 1/2")	1
12	A 03888	GEAR HEAD	1
13	04168 1A	WASHER-Flanged	1
14	• DA 03174 A	STRINGHEAD COMPLETE	1
15	98551 41	CONNECTOR-Drive	1
16	A 98231 A	HOUSING & EYELET (Dual Line)	1
17	• DA 02598 C	SPOOL & STRING (Dual Line)	1
18	B 06713	SPRING-Compression	1
19	D 06514	LINE-Replacement (.095" Dia.) (285')	1
20	A 97910 A	RETAINER-Spool (L.H.) (Red)	1
21	82555 1	SCREW-Mach. Tr. Hd. (10-24 X .750)	4
22	08619	CLAMP	1
23	A 08152	STRING SHIELD	1
24	08573	BLADE GUARD	1
25	A 08139	MOUNTING PLATE	2
26	• A 08852	HANDLE BAR & CONTROL GRIP	1
27	A 08850	BIKE CONTROL GRIP	1
28	• A 07304	BRACKET-Handle Bar	1
29	00605	SCREW-Soc. Hd.	1
30	03942	SCREW-Hex Hd.	4
31	03944	SCREW-Hex Hd.	4
32	A 03268 A	HANDLE BAR & GRIP	1

ACCESSORIES

GREASE, MULTI-PURPOSE	18453	REPLACEMENT STRING (3 lb. Box) (.080" Dia.)	98011 06
THREAD LOCKING COMPOUND	23488 C	REPLACEMENT STRING (3 lb. Box) (.095" Dia.)	03959 04
MODULE AIR GAP SHIM	PS 24306	TORX BIT (T25)	24982 03 (For Clutch Drums)
IGNITION TEST SPARK PLUG	JA 31316 4	TORX BIT (T27)	18566 01
RUBBER TUBING (10 Ft.)	94772 99	STRINGHEAD-Complete	DA 03001 A (.080 Line) (Right Hand Thread) (Black Retainer) (ST-155i)
STARTER ROPE (250 Ft. Reel)	98052 A	STRINGHEAD-Complete	DA 03174 A (.095 Line) (Left Hand Thread) (Red Retainer) (ST-385i, HBC30i, HBC30Bi)
ST FASTENER KIT	A 04709		

CLUTCH MODELS		NON-CLUTCH MODELS
ST-385	HBC-30	ST-155
HBC-30B		

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