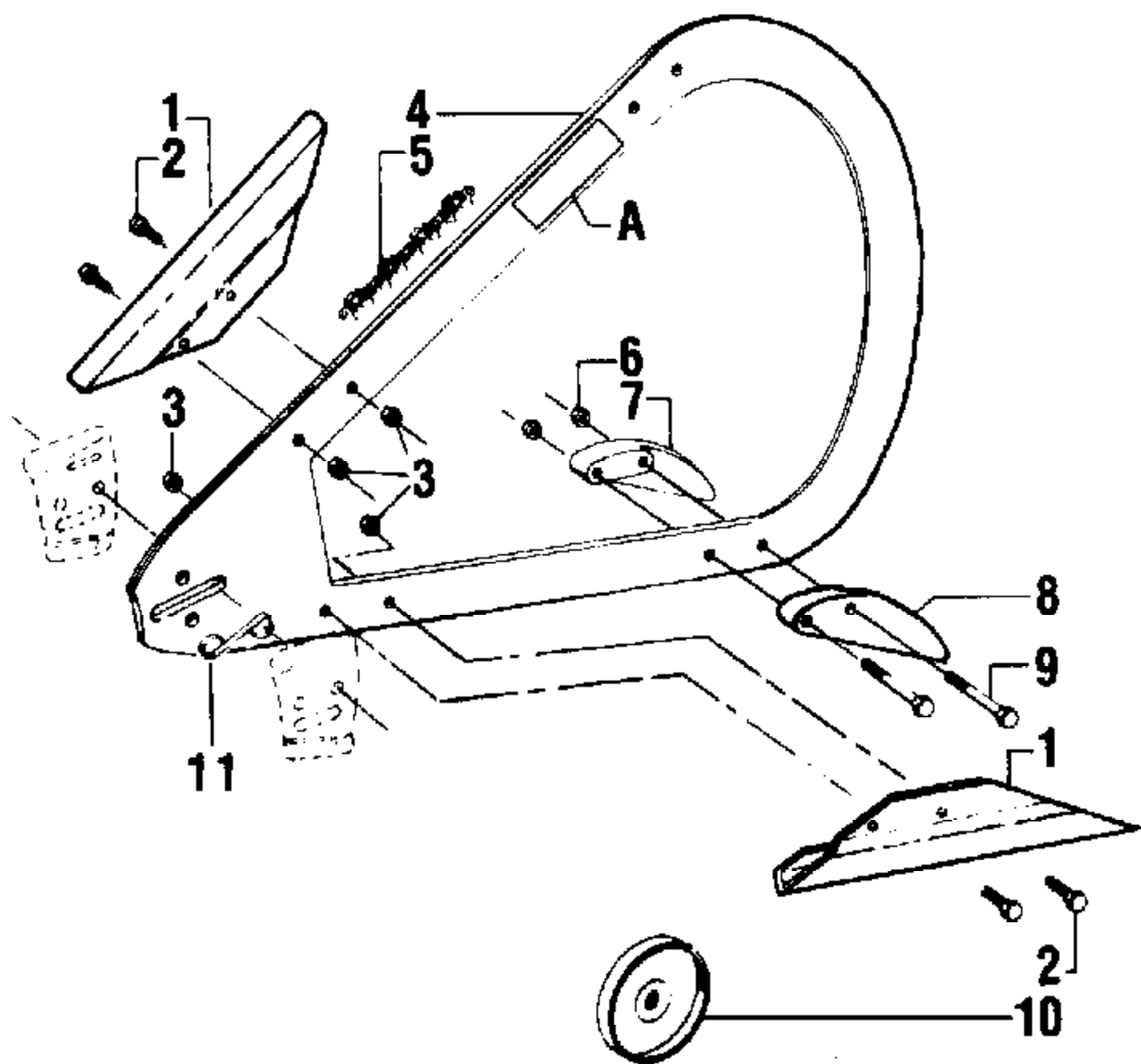
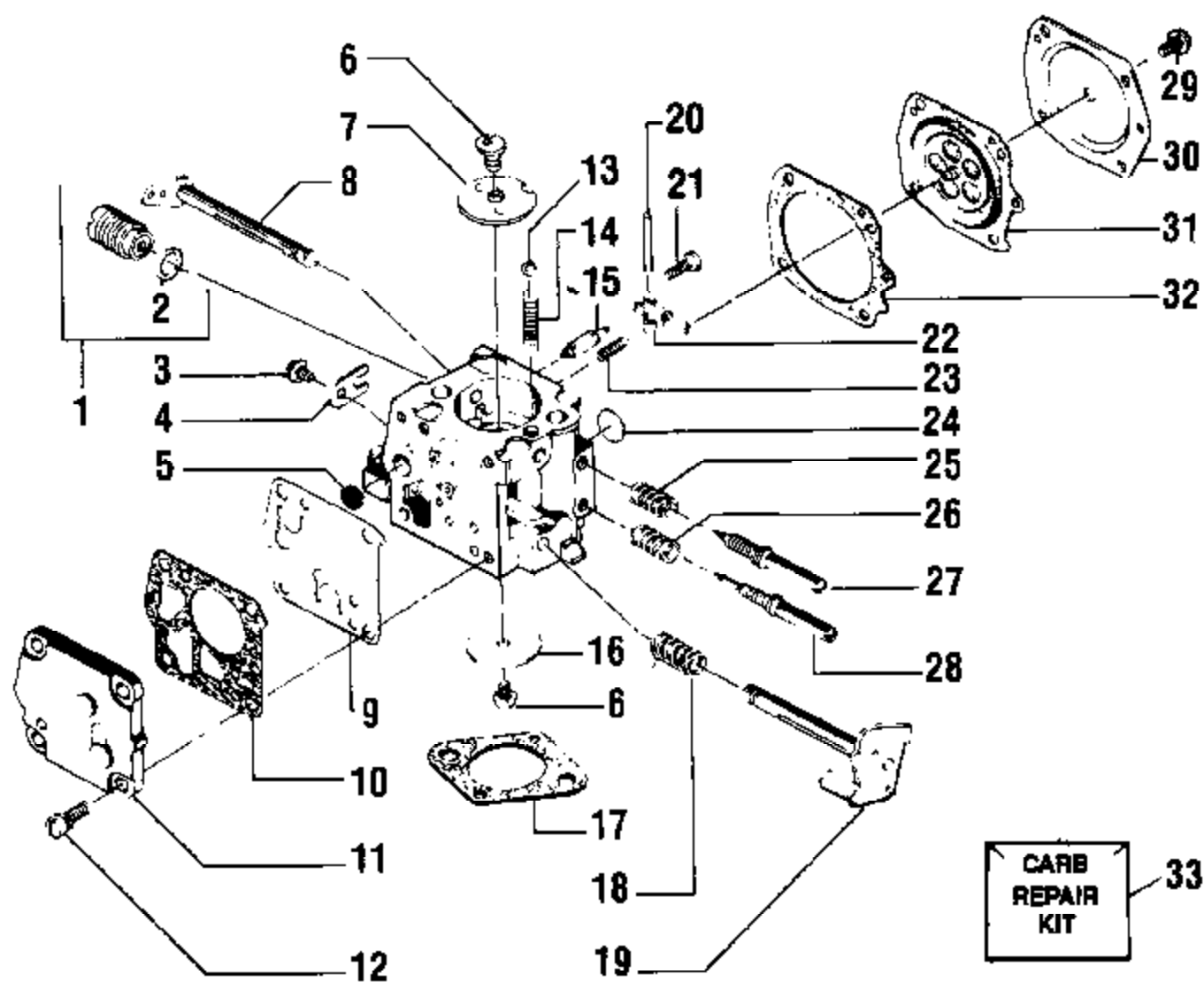




Ref #	Part Number	Qty	Description
1		2	Chain Guard - Upper & Lower
	530011275		13" Bow Guide
	530022162		14" Bow Guide
2	530001709	4	Screw - Guard Mtg. (12 - 24 x 5/8 Hex Head)
3	530001725	4	Locknut - 12 - 24
4		1	Bow Guide (See Bow & Chain Information)
5		1	Chain (See Bow & Chain Information)
6	530001615	2	Locknut - Spike Mtg. (1/4 - 20)
7	530001207	1	Bumper Spike - Left
8	530001208	1	Bumper Spike - Right
9	530625567	2	Screw - Bumper Spike Mtg. (1/4 - 20 x 1- 3/4)Hex Head)
10	530048038	1	Drum and Sprocket Assembly (For .404 pitch only)
	000439	1	Reversible Bow Attachment (.050 gauge)
	000481	1	Reversible Bow Attachment (.050 gauge) NS
	000483	1	14" Reversible Bow Attachment (.063 gauge)
11	530055044	1	"S" Clip
A	530025384	1	Decal - Bow Buide Warning
	530025383	1	Decal - Handquard (Not Shown)

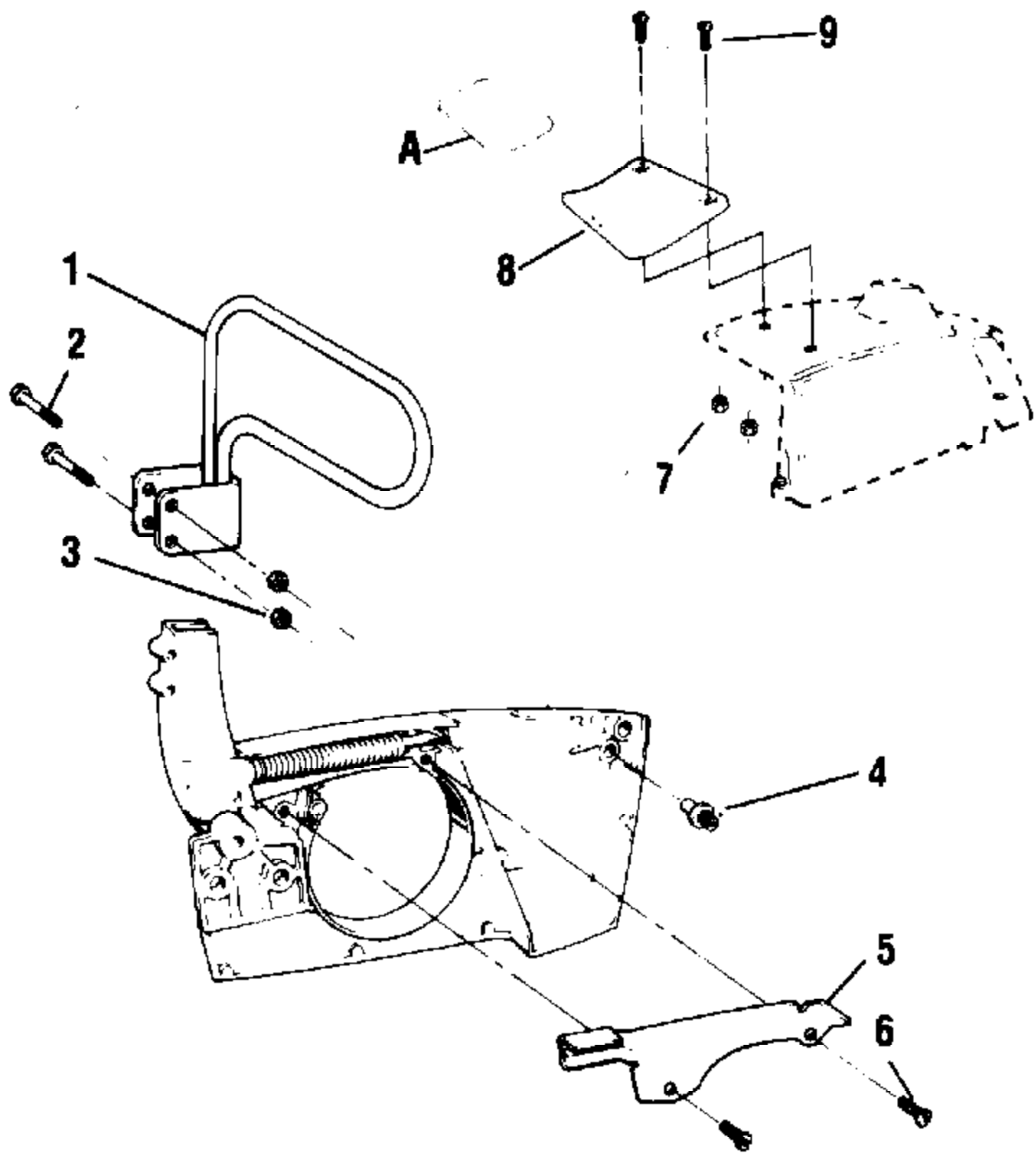
4400 Gas Saw Page 2 of 21
BOW GUIDE ASSEMBLY



Ref #	Part Number	Qty	Description
1	530034112	1	Governor Valve Assembly (Incl. #2)
2	530034024	1	Gasket - Governor Valve
3	530003784	1	Screw - Throttle Shaft Clip Retainer
4	530003783	1	Clip - Throttle Shaft
5	530003780	1	Inlet Screen
6	530003784	2	Shutter Screw & Lockwasher
7	530034107	1	Choke Shutter
8	530034106	1	Choke Shaft & Lever
9	530003771	1	Fuel Pump Diaphragm
10	530003772	1	Fuel Pump Gasket
11	530003773	1	Fuel Pump Cover
12	530003774	4	Screw and Lockwasher - Fuel Pump Cover Retainer
13	530003765	1	Choke Friction Ball
14	530003424	1	Choke Friction Spring
15	530003779	1	Needle - Inlet
16	530003416	1	Throttle Shutter
17	530019082	1	Gasket
18	530034103	1	Spring - Throttle Shaft Return
19	530034102	1	Throttle Shaft & Lever
20	530003777	1	Pin - Inlet Pinion
21	530003778	1	Screw - Inlet Pinion Pin Retainer
22	530003776	1	Lever - Inlet Control
23	530003727	1	Spring - Inlet Tension
24	530003764	1	Plug - Body Channel Welch (Large)
25	530034109	1	Spring - High Speed Mixture Spring (Blue)
26	530034108	1	Spring - Idle Mixture Screw (Yellow)
27	530034101	1	HIGH SPEED SCREW
28	530034099	1	DRIVE WHEEL
29	530003717	1	Screw - Idle Mixture
30	003770	4	Screw & Lockwasher - Diaphragm
31	530003769	1	Cover - Diaphragm (Dana part number)
32	530003768	1	Diaphragm
33	530034023	1	Gasket - Diaphragm
		1	Carb. - Repair Parts Kit (Inc. 5,9,10,15,17, 22,24,31,32)

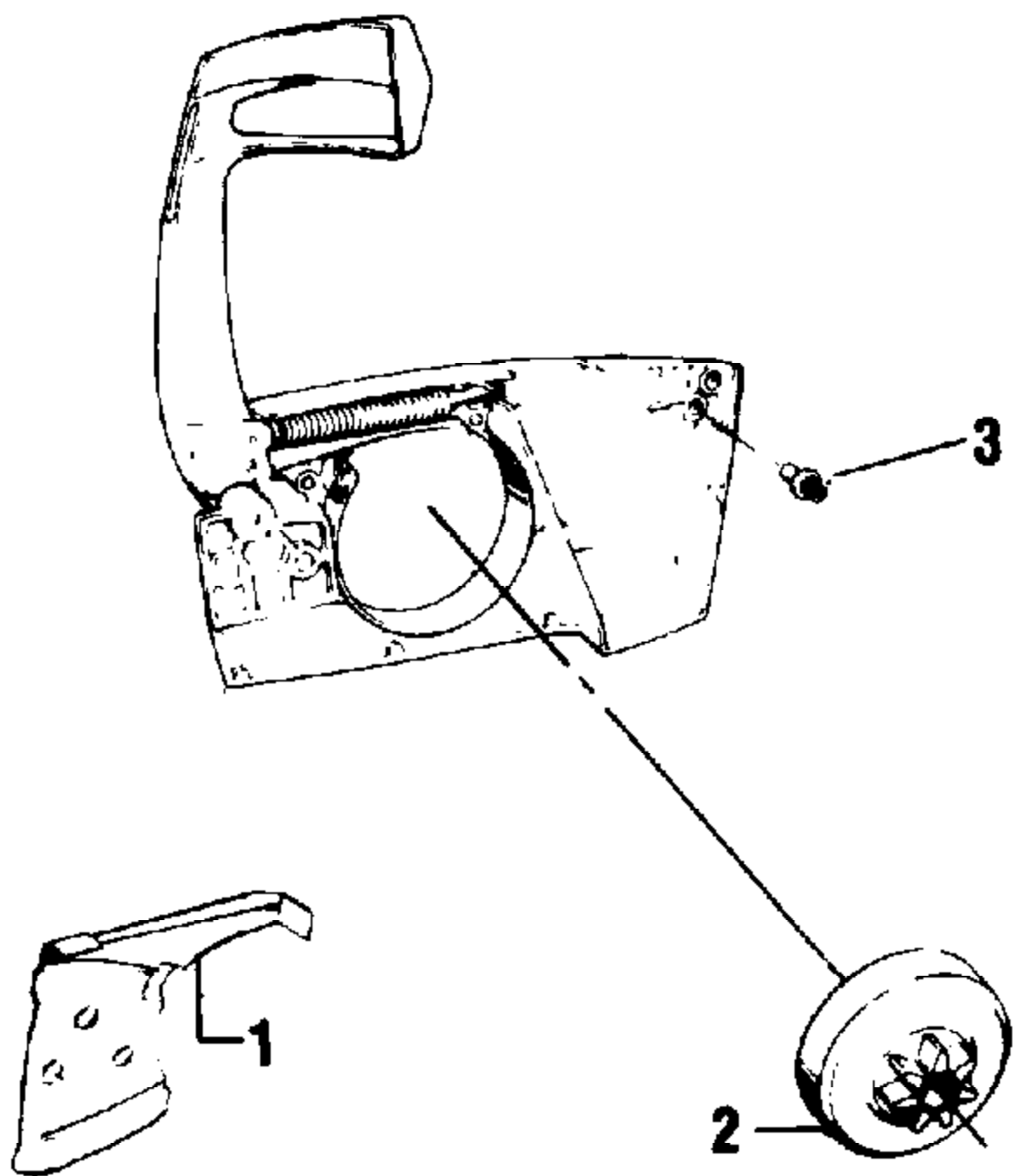
4400 Gas Saw, Page 4 of 21

CARBURETOR, HS-168A-C



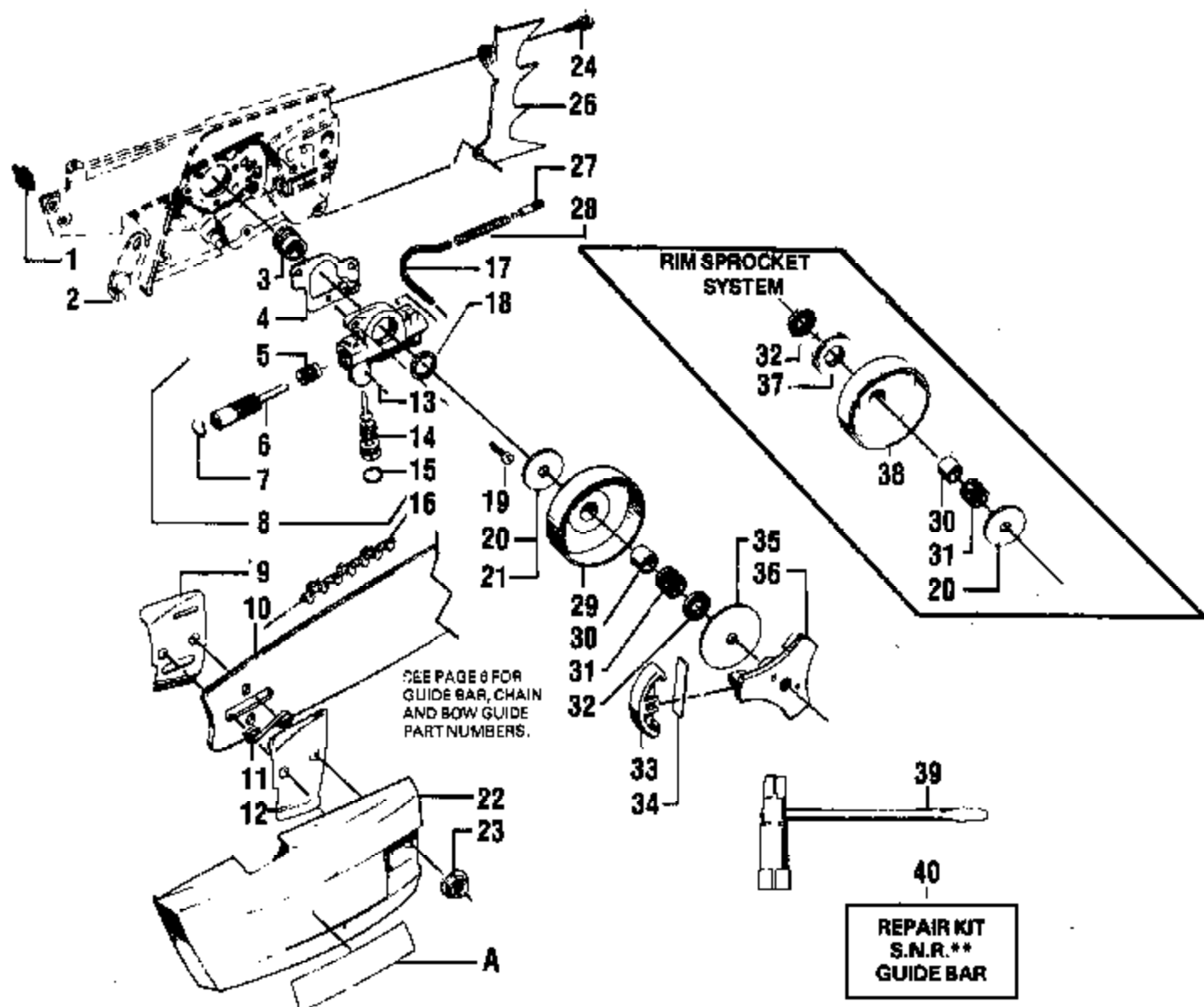
Ref #	Part Number	Qty	Description
1		1	Ass'y - Handguard
	530025993		Kit #69137
	530027281		Kit #69220
2	530015169	2	Screw - 10 - 24 Hex Hd.
3	530015217	2	Locknut - 10 - 24
4	530015284	1	Bar Clamp Guide Stud
5	530025959	1	Bracket - Brake Band
6	530015306	2	Screw - 10 - 24 x 7/16 Taptite Hex Hd.
7	530015217	2	Nut - Heat Shield
8	530025914	1	Shield - Heat
9	530015406	2	Screw - Heat Shield 10 - 24 #1/2 Pan Hd.
10	530023735	1	Bushing Guide
A	530026341	1	Decal - Instructions
	530024222	1	Decal - Bar Clamp (Not Shown)

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CHAIN BRAKE ASSEMBLY



Ref #	Part Number	Qty	Description
1	530023916	1	Guide Bar Plate - Oiler
2	530010007	1	Drum & Sprocket Ass'y.
3	530010225	1	Bar Clamp Guide Stud Ass'y.

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CHAIN BRAKE ASSEMBLY

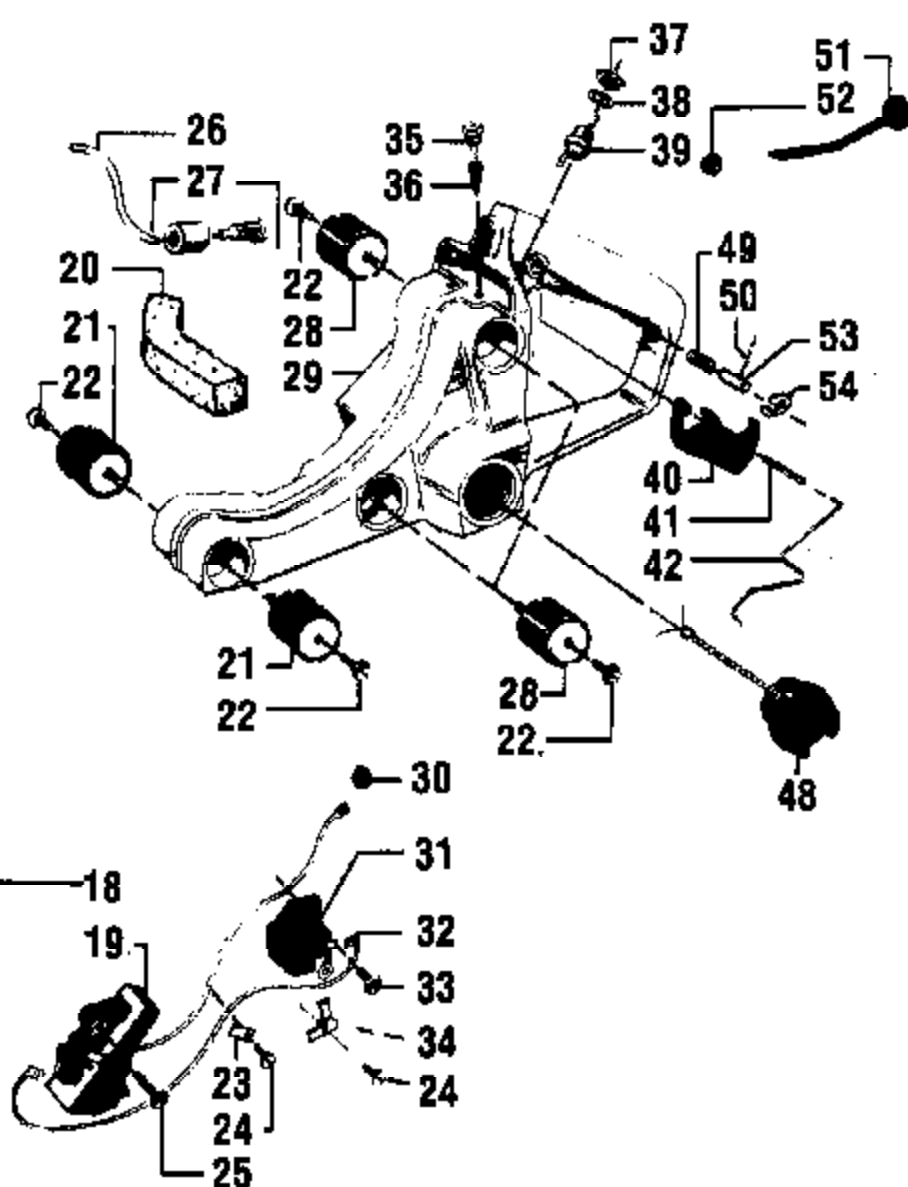
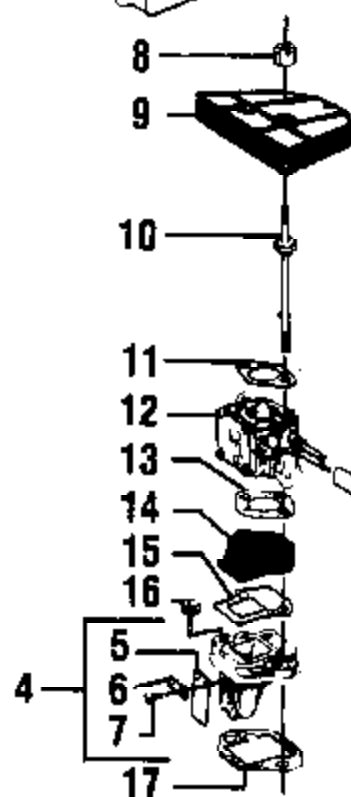
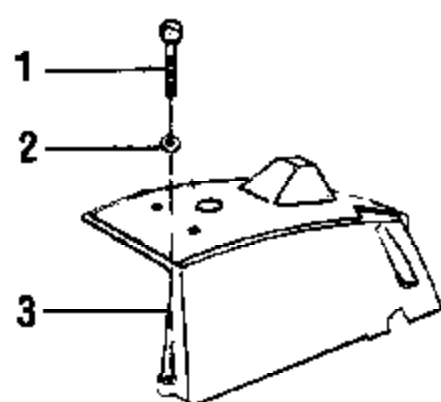


Ref #	Part Number	Qty	Description
1	530023663	1	Bumper - Bar Clamp
2	530024322	2	Bumper - Center Isolator Mt.
3	530023673	1	Worm Gear
4	530019084	1	Gasket - Oil Pump Included in Kit - Engine Gasket 69180
5	530023695	1	Spring - Oil Pump Plunger
6	530023672	1	Plunger - Oil Pump
7	530023669	1	Plug - Oil Pump Body
8	530010173	1	Oil Pump Assembly (Incl. #5, 6, 7, 13, 14, 15, 17, 18 & 26)
9	530025858	1	Plate - Bar (Inner) 3/8" barstuds
	530025925		5/16" barstuds
11	530055044	1	Spacer (S-Clip) - Guide Bar (See page 6)
12	530025857	1	Plate - Bar (Outer) 3/8" barstuds
	530025924		5/16" barstuds
13	530015211	1	CLUTCH & OIL PUMP PH ADJ. Screw Stop
14	530023659	1	Screw - Oil Pump Adjusting
15	530019079	1	"O" Ring - Adj. Screw Included in Kit - Engine Gasket 69180
17	530021021	1	Line - Oil Pick-up (3-1/4" Long; Cut from No.8132 Tubing)
18	530019076	1	Seal - Oil Pump Included in Kit - Engine Gasket 69180
19	530015168	2	Screw - 10 - 24 x 5/8
20	530015056	1	Washer - Sprocket Shroud - See Service Ref. 1
1	530015554	1	Moss Thrust Washer - Sprocket Shroud (Optional)
22		1	Bar Clamp
	530011272		for 5/16" Bar Stud
	530011917		for 3/8" Bar Stud
23		2	Nut - Bar Mounting (Incl. washers)
	530015537		for 3/8" Bar Stud
	530015205		for 5/16" Bar Stud
24	530001636	2	Screw - Spur - 1/4 - 20 x 5/8 - Socket Head
26	530022112	1	Spur
27	530002589	1	Weight & Filter - Oil Pick-up
28	530023456	1	Spring - Oil Line Protector
29		1	Drum & Sprocket - See Service Ref. 1
	530010007		7 tooth 3 8" Pitch
	530048038		7 tooth .404 Pitch
30	530032003	1	Inner Race - Clutch Drum
31	530032002	1	Bearing - Clutch
32	530015047	1	Washer - Thrust (Black) - See Service Ref. 1
33	530023469	3	Shoe - Clutch
34	530023675	3	Spring - Clutch Shoe (Purple)
35	530023472	1	Washer - Clutch Shoe
36	530022262	1	Drive Plate - Clutch
37		1	Rim Sprocket - See Service Ref. 1
	952004746	1	3 8" Pitch - 7 tooth
	952004747	1	.404 Pitch - 7 tooth
38	530048001	1	Clutch Drum - Splined - See Service Ref. 1 (For Optional Rim Sprocket)
39	530031107	1	Scrench
40	530055064		Repair Kit -, Symmetrical S.N.R. Guide Bars - .050 gauge
40	530055065		Repair Kit -, .063 gauge
40	530055059		Repair Kit -, Control Tip - S.N.R. Guide Bars - .050
A		1	Decal-Bar Clamp
	530024743		4400
	530024775		4900
	024742		5400
	530066273	1	Operator's Manual

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Ref #	Part Number	Qty	Description
	530066051	1	Bow Guide Manual
		1	Carton

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CLUTCH & OIL PUMP



Ref #	Part Number	Qty	Description
1	530015329	3	Screw - Cylinder Carb. Cover #10 x 24
2	530015328	3	Washer - #10 Heavy Lock
3	530011551	1	Cover - Cylinder & Carburetor
4	530010172	1	Reed Valve Ass'y. (Incl. #5, 6 & 7)
5	530023643	4	Reed
6	530002580	4	Stop - Reed
7	530001713	8	Screw - Reed Mounting #4 - 40 x 18 Pan Head
8	530023696	2	Nut - Air Filter
9	530010247	1	Air Filter Assembly
10	530015204	2	Stud - Carburetor
11	530023664	1	Plate - Air Filter
12		1	Carburetor Assembly -
	530034096	1	4400 Gas Saw Page 13 of 21
	530034111	1	4400 CYLINDER, Fuel & AIR FIL
13	530019082	1	Gasket - Carburetor to Adaptor Included in Kit - Engine Gasket 69180
14	530023654	1	Adaptor - Carburetor
15	530019083	1	Gasket - Carb. Adaptor to Reed Valve Ass'y incl in Kit - Engine Gasket 69180
16	530015038	2	Screw - Reed Valve Assembly - 1 - 24 x 3/4
17	530019086	1	Gasket - Reed Valve Ass'y. Carb. Included in Kit - Engine Gasket 69180
18	530024003	1	Grommet - Carb. Adj. Screws
19	530039067	1	Module - Ignition (Incl. #30 & 32)
20	530023692	1	Seal - Sawdust Included in Kit - Engine Gasket 69180
21	530024224	2	Mount Forward Isolator (Hourglass Shape)
22	530015036	6	Screw - Crankcase to Mounts - 10 - 24 x 1/2
23	530023661	1	Clamp - Lead Wire Ignition
	530025856	1	Clamp - Lead Wire
24	530001726	2	Screw - 8 - 32 x 5/16 - Tapping
25	530015198	2	Screw - Module Ignition - 10 - 24 x 7/8
26	530021022	1	Line - Fuel Pick-up (Bulk No. 8136)
27		1	Fuel Pick-up Assembly
	530034104		4400 & 4900
	530034114		5200
28	530024225	4	Mount - Center and Rear Isolator (Cylindrical Shape)
29	530010749	1	Fuel Tank & Handle Ass'y. (Incl.#20, 48, 49, 52 & 53)
30	530039069	1	Grommet - Lead Wire Included in Kit - Engine Gasket 69180
31	530039068	1	Transformer Ass'y. (Incl.#59 on Pg. 1)
32	530039064	1	Lead Wire - Module to Transformer
33	530015038	2	Screw - 10 - 24 x 3/4 Hex Washer Hd. - Transformer
34	530025856	1	Clamp Lead Wire
35	530010528	1	Vent - Assembly - Fuel Tank (Incl. #35)
36	530026119	1	Check Valve - Fuel Tank Vent
37	530023575	1	Nut - Switch Mounting
38	530015214	1	Lockwasher - Switch Mounting
39	530023732	1	Switch - Ignition
40	530023658	1	Trigger - Throttle
41	530015008	1	Pin - Trigger
42	530026351	1	Wire - Throttle
48	530010331	1	Fuel Cap Ass'y. (Incl. "O" Ring)
49	530024772	1	Spring - Throttle Lock
50	530024771	1	Pin - Throttle Lock
51	530024762	1	Choke Knob

Ref #	Part Number	Qty	Description
52	530023665	1	Grommet - Choke Rod Included in Kit - Engine Gasket 69180
53	530024773	1	Sleeve - Throttle Lock
54	530001672	1	"E" Ring - Throttle Lock

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CYLINDER, FUEL, & AIR FIL

A. GUIDE BAR AND CHAINS

1. For use with 3/8" Sprocket:

GUIDE BAR	GUIDE BAR NO.	REDUCED KICKBACK CHAIN		LOW-KICKBACK CHAIN	
		CHAIN NO.	DESCRIPTION & DRIVE LINKS	CHAIN NO.	DESCRIPTION & DRIVE LINKS
18" HT (Symmetrical)	44239	N 51278	P720-61	51264	P72S-60
20" HT (Symmetrical)	44241	N 51279	P720-72	51266	P72S-70
21" HT (Symmetrical)	44233	N 51279	P720-72	***	—
24" HT (Symmetrical)	44242	N 51283	P720-81	***	—
26" HT (Symmetrical)	44234	N 51280	P720-82	***	—
18" S.N.R. ** (Symmetrical)	44259	N 51281	P720-60	51264	P72S-60
18" S.N.R. ** (Symmetrical)	44097	N 51281	P720-60	51264	P72S-60
20" S.N.R. ** (Symmetrical)	44261	N 51282	P720-70	51266	P72S-70
24" S.N.R. ** (Silkscreen - Symmetrical)	44262	N 51283	P720-81	***	—
24" S.N.R. ** (Silkscreen - Symmetrical)	44066	N 51283	P720-81	***	—
27" S.N.R. ** (Silkscreen - Symmetrical)	44263	N 51285	P720-90	***	—
27" S.N.R. ** (Silkscreen - Symmetrical)	44076	N 51285	P720-90	***	—
30" S.N.R. ** (Silkscreen - Symmetrical)	44264	N 51287	P720-97	***	—
Ø 16" Control Tip® — S.N.R. **	44215	N 51281	P720-60	51264	P72S-60
Ø 20" Control Tip® — S.N.R. **	44217	N 51282	P720-70	51266	P72S-70
Ø 24" Control Tip® — S.N.R. **	44218	N 51283	P720-81	***	—

NOTES:

All saws with 5/16" bar studs require the "S" Clip.

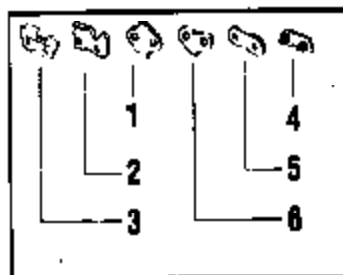
All Chains Listed in "1." are 3/8 Pitch and .050 Gauge.

For Repair of Symmetrical S.N.R. Guide Bars, Use Part No. 55064 Assembly Kit. (See * below.)

For Repair of Control Tip® S.N.R. Guide Bars, Use Part No. 55059 Assembly Kit.

REPAIR PARTS FOR P720 CHAIN:

.050 Gauge



KEY NO.	PART NO.	DESCRIPTION
1	52047	Guard Drive Link
2	52048	L.H. Cutter
3	52049	R.H. Cutter
4	52014	Pre-Set Tie Strap
5	5295	Tie-Strap
6	5287	Drive Link
	5299	Chain Repair Kit

REPAIR PARTS FOR P72S CHAIN:

.050 Gauge



KEY NO.	PART NO.	DESCRIPTION
1	52083	Guard Drive Link
2	52082	L.H. Cutter
3	52081	R.H. Cutter
4	52014	Pre-Set Tie Strap
5	5295	Tie-Strap
6	5297	Drive Link
	52078	Chain Repair Kit

2. For use with .404 Sprocket:

BAR	BAR NO.	CHAIN NO.	DESCRIPTION & DRIVE LINKS
32" S.N.R. ** (Symmetrical)	✓ 44254	N 51299	PAJ590-84
36" S.N.R. ** (Symmetrical)	44266	N 51299	PAJ590-104

NOTES:

All Chains Listed in "2." are .404 Pitch and .063 Gauge.

For Repair of Symmetrical S.N.R. Guide Bars, Use Part No. 55065 Assembly Kit.

B. BOW GUIDES AND CHAINS

BOW GUIDE	BOW GUIDE NO.	CHAIN NO.	DESCRIPTION & DRIVE LINKS
13" .050 / 3/8 pitch	44235	N 51305	P720-80
14" .050 / 3/8 pitch	44236	N 51289	P720-87
14" .063 / .404 pitch ****	44237	N 51292	P27-79

* Use Part No. 55064 Sprocket Nose Assembly Kit for Guide Bar #44097, 44066, & 44076.

** S.N.R. = Replaceable Sprocket Nose

*** P72S Chain is available on reel and can be cut to length by your dealer.

**** Requires .404 Drum & Sprocket Assembly #48038

Ø Reduced-Kickback Guide Bar

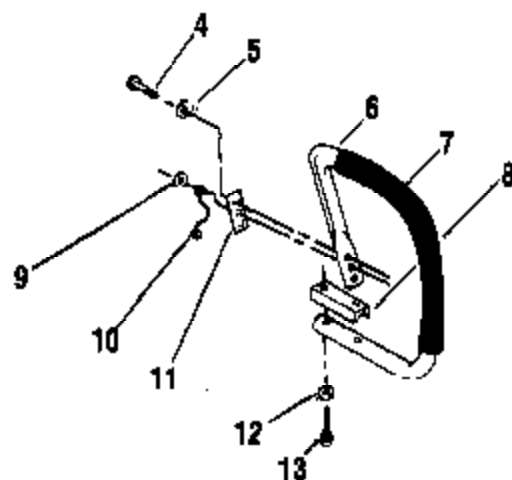
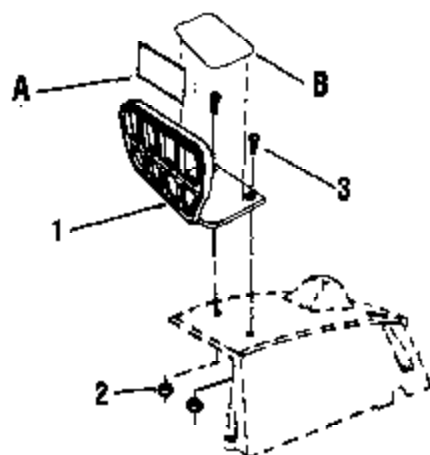
✓ = Part Change

N = New Part No.

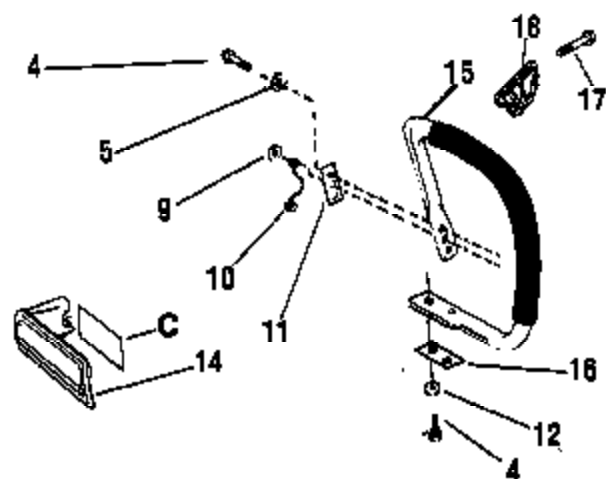
Ref #	Part Number	Qty	Description
	44239		Guide Bar 16" HT 3/8 - .050
	44241		Guide Bar 20" HT 3/8 - .050
	530044233		Guide Bar 21" HT 3/8 - .050
	44242		Guide Bar 24" HT 3/8 - .050
	530044234		Guide Bar 25" HT 3/8 - .050
	530044259		Guide Bar 16" S.N.R. 3/8 - .050
	530044097		Guide Bar 16" S.N.R. 3/8 - .050
	44261		Guide Bar 20" S.N.R. 3/8 - .050
	952044262		Guide Bar 24" S.N.R. 3/8 - .050
	530044066		Guide Bar 24" S.N.R. 3/8 - .050
	44263		Guide Bar 27" S.N.R. 3/8 - .050
	530044076		Guide Bar 27" S.N.R. 3/8 - .050
	44264		Guide Bar 30" S.N.R. 3/8 - .050
	44215		Guide Bar 16" S.N.R. 3/8 - .050
	44217		Guide Bar 20" S.N.R. 3/8 - .050
	44218		Guide Bar 24" S.N.R. 3/8 - .050
	952051278		Chains 16" (P720-61)
	51279		Chains 20" (P720-72)
	51279		Chains 21" (P720-72)
	952051283		Chains 24" (P720-81)
	952051280		Chains 25" (P720-82)
	952051281		Chains 16" (P720-60)
	952051281		Chains 16" (P720-60)
	952051282		Chains 20" (P720-70)
	952051283		Chains 24" (P720-81)
	952051283		Chains 24" (P720-81)
	51285		Chains 27" (P720-90)
	51285		Chains 27" (P720-90)
	952051287		Chains 30" (P720-97)
	952051281		Chains 16" (P720-60)
	952051282		Chains 20" (P720-70)
	952051283		Chains 24" (P720-81)
	952051264		Chains 16" (P72S-60)
	952051266		Chains 20" (P72S-70)
	952051264		Chains 16" (P72S-60)
	952051264		Chains 16" (P72S-60)
	952051266		Chains 20" (P72S-70)
	952051264		Chains 16" (P72S-60)
	952051266		Chains 20" (P72S-70)

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GUIDE BAR AND CHAIN KIT

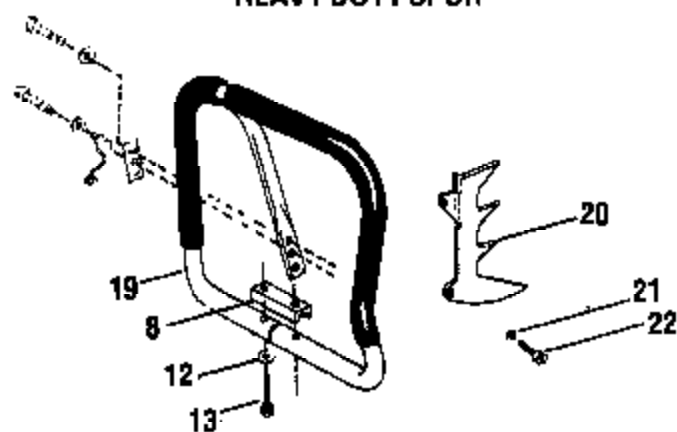
NEW STYLE HANDGUARD and HANDLEBAR



OLD STYLE HANDGUARD and HANDLEBAR

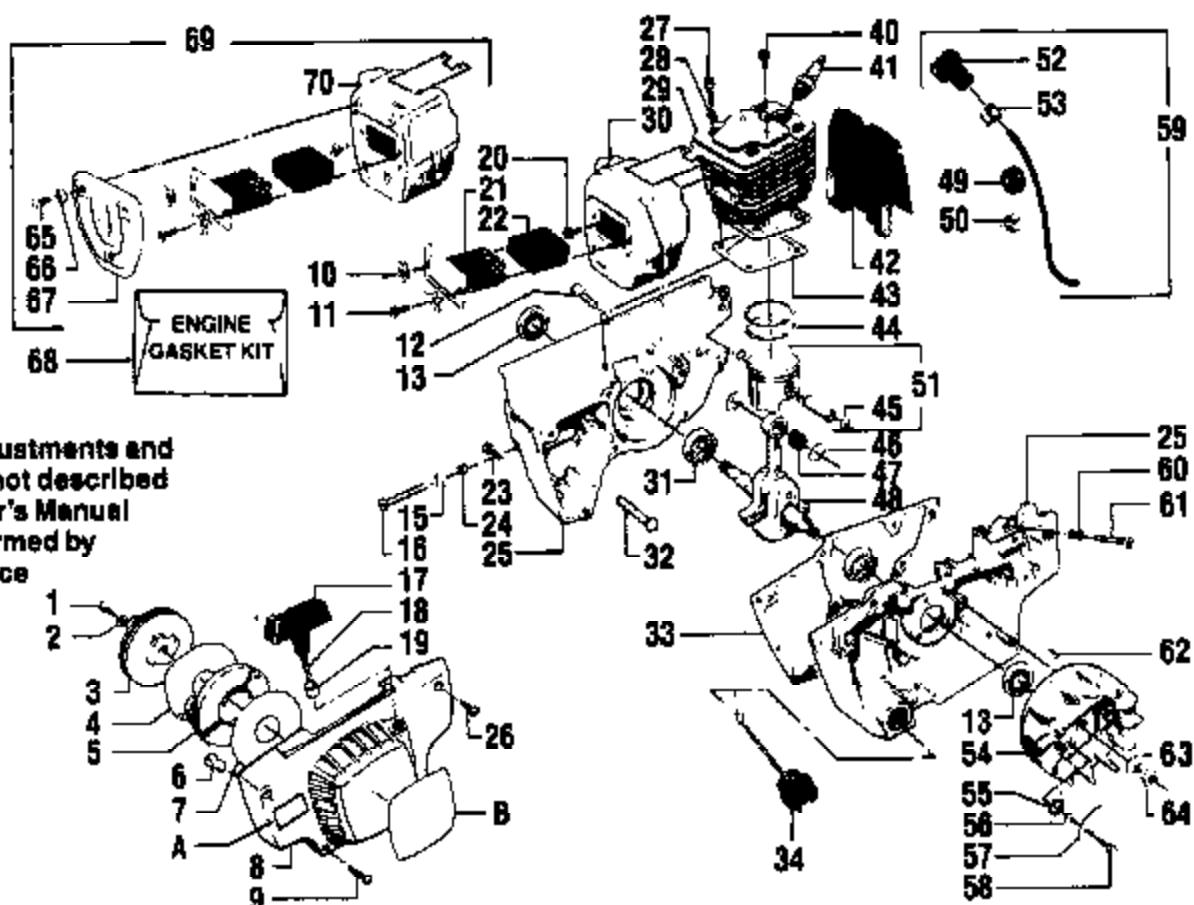


OPTIONAL WRAPAROUND HANDLEBAR and HEAVY DUTY SPUR



Ref #	Part Number	Qty	Description
1	530025948	1 H	andguard
2	530001543	2	Nut #10
3	530015406	2	Screw - 10 - 24 x 1/2
4	530015459		Screw - 1/4 - 20 x 3/4
		3	New Style Handlebar
		5	Old Style Handlebar
		3	Wraparound Handlebar
5	530001677		Lockwasher
		3	New Style Handlebar
		5	Old Style Handlebar
		3	Wraparound Handlebar
6	530022266	1	Handlebar - Flushcut
7	530069171	1	Kit - Handlebar Grip
8	530012109	1	Adaptor - Handlebar
9	530015209	1	Washer - Flat
10	530023682	1	Lead Ground
11	530025241	1	Handlebar Brace - Rear
12	530015159	2	Washer - Conical
13	530015402	2	Screw - 1/4 - 20 x 1-3/8
14	530024466	1	Handguard
16	530025239	1	Handlebar - Brace Bottom
15	530022239	1	Handlebar - Flashcut
17	530015509	3	Screw - Handguard
18	530024467	1	Cap - Handguard
19	530069164	1	Kit-Wraparound Handlebar (Inc. 8,12,13,20,21,22)-Optional(Incl. 2 Handlebars,20,21,22)
20	530025954	1	Spur - Heavy Duty
21	530001642	2	Lockwasher - Spur
22	530001636	2	Screw - Spur
A	530025949	1	Decal - Starting Instructions
B	530026841	1	Decal - Kickback
C	530025631	1	Decal - Handguard

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 HANDGUARD & HANDLEBAR



Ref #	Part Number	Qty	Description
1	530015092	1	Screw - 1/4 - 20 x 1/2 - Socket Hd.
2	530015209	1	Washer - Starter Pulley
3	530011255	1	Pulley Starter
4	530042041	1	Disc. - Starter - Top
5	530042049	1	Spring - Starter Rewind
6	530015323	1	Pin - Spring Anchor
7	530042039	1	Disc. - Starter - Bottom
8	530011815	1	Fan Housing Ass'y. (Incl. #6 & 19)
9	530015239	3	Screw - Fan Hsg. Mfg. - 1/4 - 20 x 13/16 - Socket Head
10	530024839	1	Retainer - Diffuser Mounting Screw
11	530015433	2	Screws - 10 - 32 x 1/2 - Slotted Hex Hd.
12	530015203	7	Screw - Crankcase #10 - 24 x 3/4 - Socket Head
13	530019075	2	Seal - Crankshaft
15	530023064	1	Pin - Bar Adjusting
16	530015253	1	Screw - Bar Adj. - #10 - 24 x 2-3/16
17	530042056	1	Handle - Starter Rope
18	530069234	1	Rope Kit
19	530002820	1	Bushing - Rope Grommet
20	530015298	3	Screw - Muffler Mfg. 12 - 24 x 5/8
21	530022131	1	Diffuser - Muffler
22	530023674	1	Screen - Spark Arrestor
23	530015258	3	Screw - 6 - 40 x 1/2 - Socket Head
24	530015064	1	Nut - Bar Adj. - #10 - 24 - Self Locking
25	530010535	1	Crankcase Ass'y (Incl. #13, 15, 16, 23, 24, 31 & 32)
26	530015196	1	Screw - Fan Hsg. Mfg. - 1/4 - 20 x 1-1/8 Socket Head
27	530001711	4	Screw - Cylinder - 1/4 - 20 x 1 Socket Hd.
28	530001677	4	Lockwasher - Cylinder
29		1	Cylinder
	530012073		4400
	530012074		4900
	530012092		5200
30	530022274	1	Ass'y. - Muffler
31	530032034	2	Bearing - Crankshaft
32		2	Kit - Bar Stud Replacement
	530069136		3/8"
	530030039		5/16"
	530069144		5/16" (fits crankcase with 3/8" stud openings)
33	530019085	1	Gasket - Crankcase
34	530010175	1	Oil Cap Ass'y. (Incl. "O" Ring)
40	530015306	2	Screw - Cylinder Cover Bracket
41	952030084	1	Spark Plug (CJ-8)
42	530022128	1	Air Baffle Assembly
43	530019081	1	Gasket - Cylinder
44		2	Piston Ring
	530023655		4200
	530024769		4900
	530023645		5200
45	530015207	2	Retainer - Piston Pin
46	530015208	2	Washer - Thrust (Rod Top)
47	530032031	1	Bearing - Top Rod
48	530025884	1	Crankshaft & Rod Assembly (Incl.#36 from page 3)
49	530023816	1	Grommet - Lead Wire
50	530015195	1	Clip - High Tension Lead
51		1	Piston Assembly - (Incl.#45 & pin)
	530022125		4200
	530010529		4900

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Ref #	Part Number	Qty	Description
	530010531		5400
52	530003934	1	Boot - Spark Plug
53	530003933	1	Connector - Spark Plug
54	530039066	1	Flywheel
55	530042062	2	Spring - Starter Dog
56	530001718	2	Washer - Starter Dog
57	530042064	2	Dog - Starter
58	530004261	2	Stud - Starter Dog
59	530039065	1	High Tension Lead Ass'y. - Ignition (Incl.#52 & 53)
60	530023716	1	Spring - Idle Adj. Screw
61	530015202	1	Screw Adj.-Idle Speed
62	530002595	1	Key - Flywheel
63	530001626	1	Washer - Flywheel Mtg. - 3/8
64	530001722	1	Locknut - Flywheel Mounting - 3/8 - 24
65	530001636	3	Hex Socket Cap Screw - 1/4 - 20 x 5/8 - (Optional)
66	530015159	3	Washer - Conical (Optional)
67	530023995	1	Heat Shield (Optional)
68	530069180	1	Kit - Engine Gasket (Inc. 33,43,49))
69	530069012	1	Muffler Heat Shield (Optional) (Incl.#65, 66, 67 & 70)
70	530010257	1	Hex Fastener & Muffler Ass'y. (Optional)
A	530024885	1	Decal Professional User
B		1	Decal - Fan Housing
	530024741		4400
	530024776		4900
	530024739		5400

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