

ENGINE PARTS - MODEL 890r

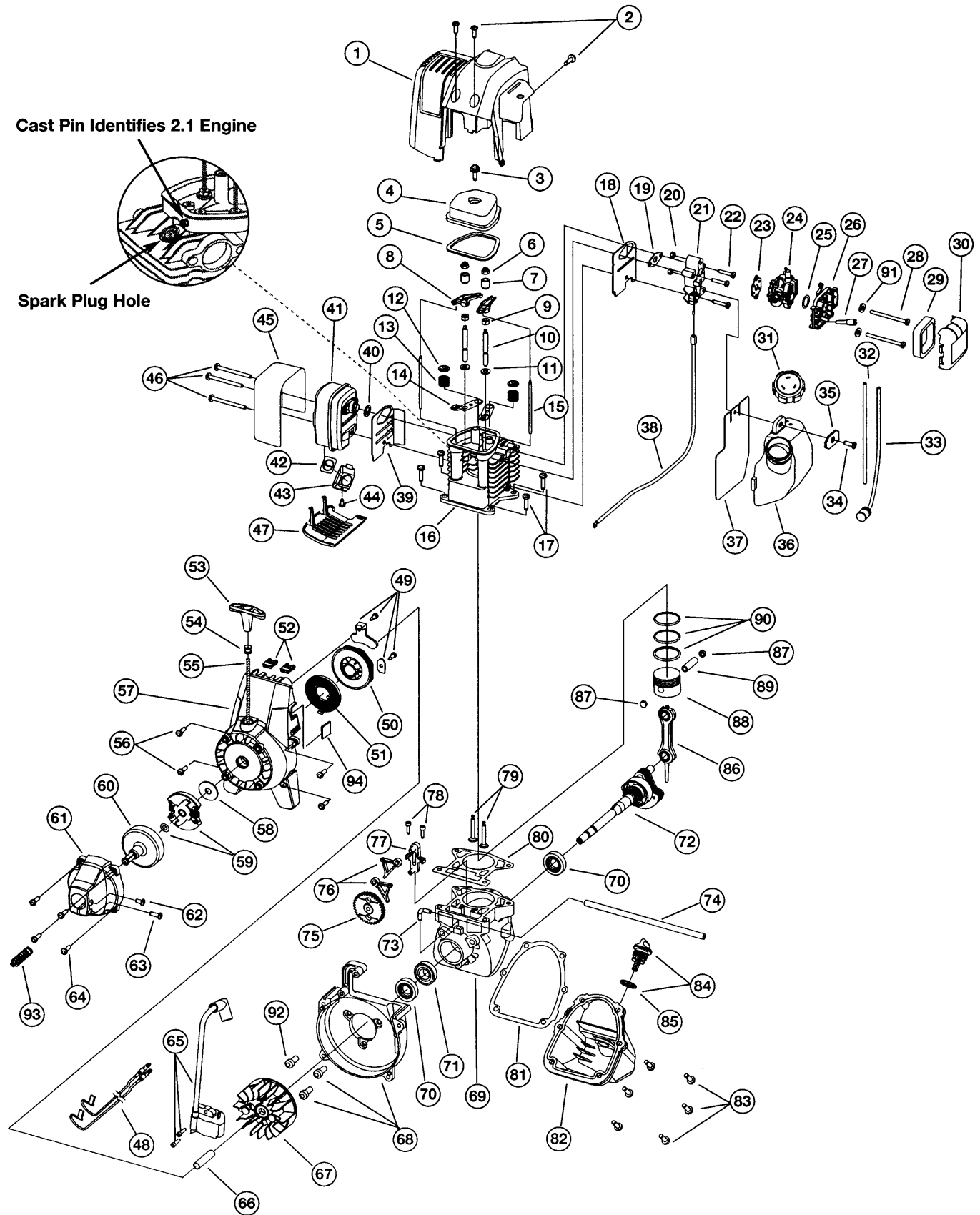
4-CYCLE GAS TRIMMER

(Serial Number 911129007 and greater)

Part Numbers On Following Page

Cast Pin Identifies 2.1 Engine

Spark Plug Hole



ENGINE PARTS - MODEL 890r**4-CYCLE GAS TRIMMER****(Serial Number 911129007 and greater)**

<u>Item</u>	<u>Part No.</u>	<u>Description</u>	<u>Item</u>	<u>Part No.</u>	<u>Description</u>
1	182338	Engine Cover	49	182363	Pulley Retainer Assembly
2	182339	Engine Cover Screws	50	181597	Recoil Pulley
3	181025	Valve Cover Screw	51	613102	Recoil Spring
4	182098	Valve Cover	52	182366	Nut Clip
5	182099	Valve Cover Gasket	53	181079	Pull Handle
6	182340	Rocker Adjustment Nut	54	611061	Rope Guide
7	182101	Rocker Arm Pivot	55	613103	Rope
8	182100	Rocker Arm	56	181020	Starter Housing Screw
9	181034	Hex Nut	57	182367	Starter Housing Assembly (includes 49-56)
10	182341	Rocker Arm Stud	58	182368	Clutch Washer
11	181035	Washer	59	182369	Clutch with Spacer
12	182103	Valve Spring Retainer	60	153592	Clutch Drum
13	181038	Valve Spring	61	182364	Clutch Cover
14	182102	Push Rod Guide	62	145569	Anti-Rotation Screw
15	181033	Push Rod	63	181345	Screw
16	182343	Cylinder Head	64	181080	Clutch Cover Screw
16	182700	Cylinder Head (2.1 Engine)	65	182725	Ignition Module with Screws
17	182344	Cylinder Screw	66	181065	Spacer
18	182345	Intake Baffle	67	181867	Flywheel
19	182346	Carburetor Mount Gasket	68	182371	Shroud Assembly with Screws (includes 93)
20	181034	Nut	69	182376	Crankcase Assembly (includes 70-74)
21	182347	Carburetor Mount (includes 20)	70	610309	Oil Seal
22	182348	Carburetor Mount Screw	71	182372	Bearing
23	182427	Carburetor Gasket	72	182380	Crankshaft
24	182349	Carburetor with Primer	73	182375	90° Elbow
24	182654	Carburetor with Primer (2.1 Engine)	74	182379	Breather Hose
25	181751	O-Ring, Carburetor	75	181015	Cam Gear
26	182350	Air Filter/Choke Cover Assembly (includes 29 & 30)	75	182666	Cam Gear (2.1 Engine)
27	182097	Breather Tube	76	181014	Cam Follower
28	181750	Air Filter Mounting Screw	76	182667	Cam Follower (2.1 Engine)
29	181757	Air Filter	77	181013	Cam Bracket
30	182351	Air Filter Cover	78	181012	Cam Bracket Screw
31	182271	Fuel Cap	79	181040	Valves, Intake and Exhaust
32	182352	Fuel Return Line	80	182374	Cylinder Gasket
33	182353	Fuel Pick-Up Line with Filter	81	181018	Oil Pan Gasket
34	181080	Screw	82	182377	Oil Pan (includes 81 & 83)
35	182354	Washer	83	181020	Oil Pan Screw
36	182355	Fuel Tank Assembly (includes 31-33)	84	182378	Dipstick Assembly (includes 85)
37	182356	Fuel Tank Shield	85	182290	O-Ring
38	182357	Throttle Cable	86	181009	Connecting Rod
39	182358	Muffler Baffle	87	181008	Wrist Pin Button
40	181048	Muffler Gasket	88	182381	Piston
41	182359	Muffler (includes 40, 42-44)	89	181006	Wrist Pin
42	180890	Spark Arrestor Screen	90	181005	Piston Ring Set
43	181045	Screen Cover	91	182409	Washer
44	181046	Screw	92	181861	Screw
45	182360	Muffler Shield	93	612468	Compression Spring
46	182361	Muffler Mounting Screw	94	182537	Grommet
47	182362	Muffler Cover	*	180852	Spark Plug
48	182536	Switch Wire Assembly	*	182382	Short Block Assembly (includes 3-17, 69-90)
			*	182383	Cylinder Assembly (includes 9-11, 14, 16 & 80)
			*	180142	Starter Pawl Repair Kit
			*	182935	Carburetor Repair Kit

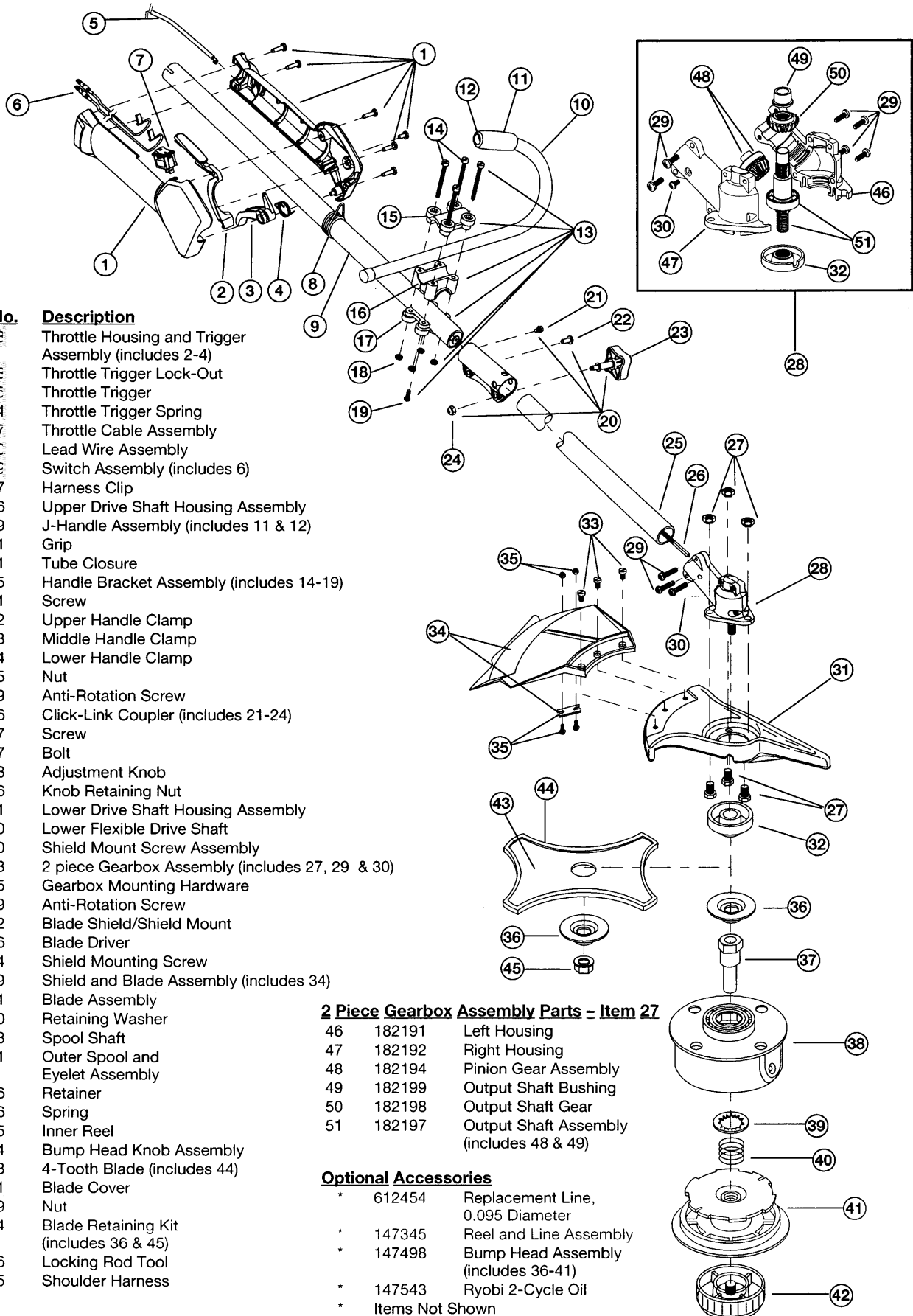
* Parts not shown

BOOM AND TRIMMER PARTS - MODEL 890r

4-CYCLE GAS TRIMMER

(Serial Number 911I29007 and greater)

FOR THROTTLE PARTS PLEASE REFER TO ADDENDUM ON LAST PAGE BEFORE ORDERING



Item	Part No.	Description
1	182543	Throttle Housing and Trigger Assembly (includes 2-4)
2	18253E	Throttle Trigger Lock-Out
3	18238E	Throttle Trigger
4	310314	Throttle Trigger Spring
5	182357	Throttle Cable Assembly
6	18254C	Lead Wire Assembly
7	18253E	Switch Assembly (includes 6)
8	610327	Harness Clip
9	18238E	Upper Drive Shaft Housing Assembly
10	181099	J-Handle Assembly (includes 11 & 12)
11	612831	Grip
12	612021	Tube Closure
13	683295	Handle Bracket Assembly (includes 14-19)
14	181811	Screw
15	181812	Upper Handle Clamp
16	181813	Middle Handle Clamp
17	181814	Lower Handle Clamp
18	181815	Nut
19	145569	Anti-Rotation Screw
20	181616	Click-Link Coupler (includes 21-24)
21	182057	Screw
22	181617	Bolt
23	181618	Adjustment Knob
24	181886	Knob Retaining Nut
25	182541	Lower Drive Shaft Housing Assembly
26	613300	Lower Flexible Drive Shaft
27	182200	Shield Mount Screw Assembly
28	182193	2 piece Gearbox Assembly (includes 27, 29 & 30)
29	182195	Gearbox Mounting Hardware
30	145569	Anti-Rotation Screw
31	147492	Blade Shield/Shield Mount
32	182196	Blade Driver
33	683304	Shield Mounting Screw
34	683299	Shield and Blade Assembly (includes 34)
35	682061	Blade Assembly
36	147490	Retaining Washer
37	612483	Spool Shaft
38	683301	Outer Spool and Eyelet Assembly
39	612026	Retainer
40	610636	Spring
41	147495	Inner Reel
42	180814	Bump Head Knob Assembly
43	145873	4-Tooth Blade (includes 44)
44	613231	Blade Cover
45	181699	Nut
*	180014	Blade Retaining Kit (includes 36 & 45)
*	613226	Locking Rod Tool
*	682075	Shoulder Harness

2 Piece Gearbox Assembly Parts - Item 27

46	182191	Left Housing
47	182192	Right Housing
48	182194	Pinion Gear Assembly
49	182199	Output Shaft Bushing
50	182198	Output Shaft Gear
51	182197	Output Shaft Assembly (includes 48 & 49)

Optional Accessories

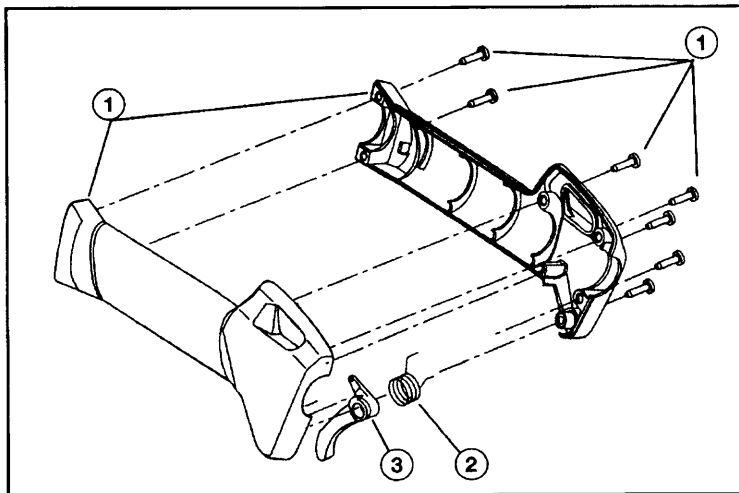
*	612454	Replacement Line, 0.095 Diameter
*	147345	Reel and Line Assembly
*	147498	Bump Head Assembly (includes 36-41)
*	147543	Ryobi 2-Cycle Oil
*	Items Not Shown	

Replacement information for your Parts Manual.

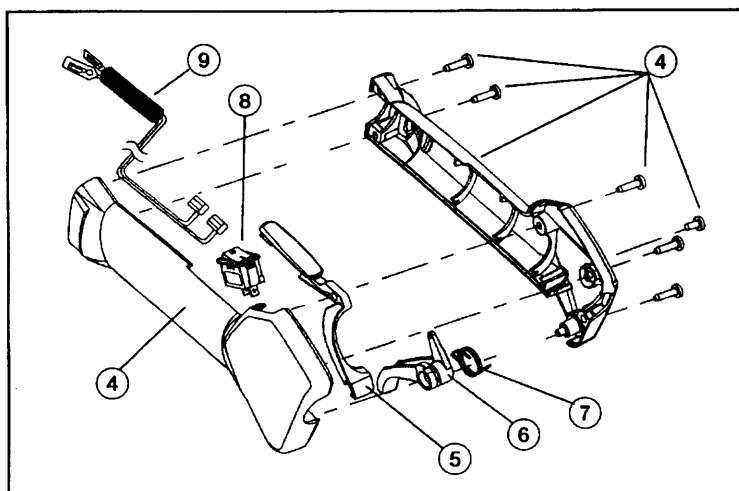
PARTS MANUAL ADDENDUM**THROTTLE HOUSING ASSEMBLY ADDENDUM**

As part of an engineering improvement, the throttle housing assembly has been changed. This change took place in November of 2000. When ordering replacement throttle housing parts, please refer to the parts list below.

NOTE: The throttle cable will remain the same.

NON-BRUSHCUTTER MODELS

<u>Item</u>	<u>Part No.</u>	<u>Description</u>
1	182384	Throttle Housing and Trigger
2	610314	Throttle Trigger Spring
3	182385	Throttle Trigger

BRUSHCUTTER MODELS

<u>Item</u>	<u>Part No.</u>	<u>Description</u>
1	182543	Throttle Housing and Trigger Assembly (includes 5-7)
2	182538	Throttle Trigger Lock-Out
3	182689	Throttle Trigger
4	182690	Throttle Trigger Spring
5	182691	Switch Assembly (includes 9)
6	182692	Lead Wire Assembly