

**RIDGID**  
**Gasoline Pressure Washer**  
**Item No. RD80956**  
**Mfg. No. 090079245**  
**Replacement Parts List**

**RIDGID**  
**Nettoyeur Haute Pression à Essence**  
**Article no. RD80956**  
**Fabrication de no. 090079245**  
**Liste des pièces de rechange**

**RIDGID**  
**Lavadora de Presión de Gasolina**  
**Art. núm. RD80956**  
**Fabricación de núm. 090079245**  
**Lista de piezas de repuesto**

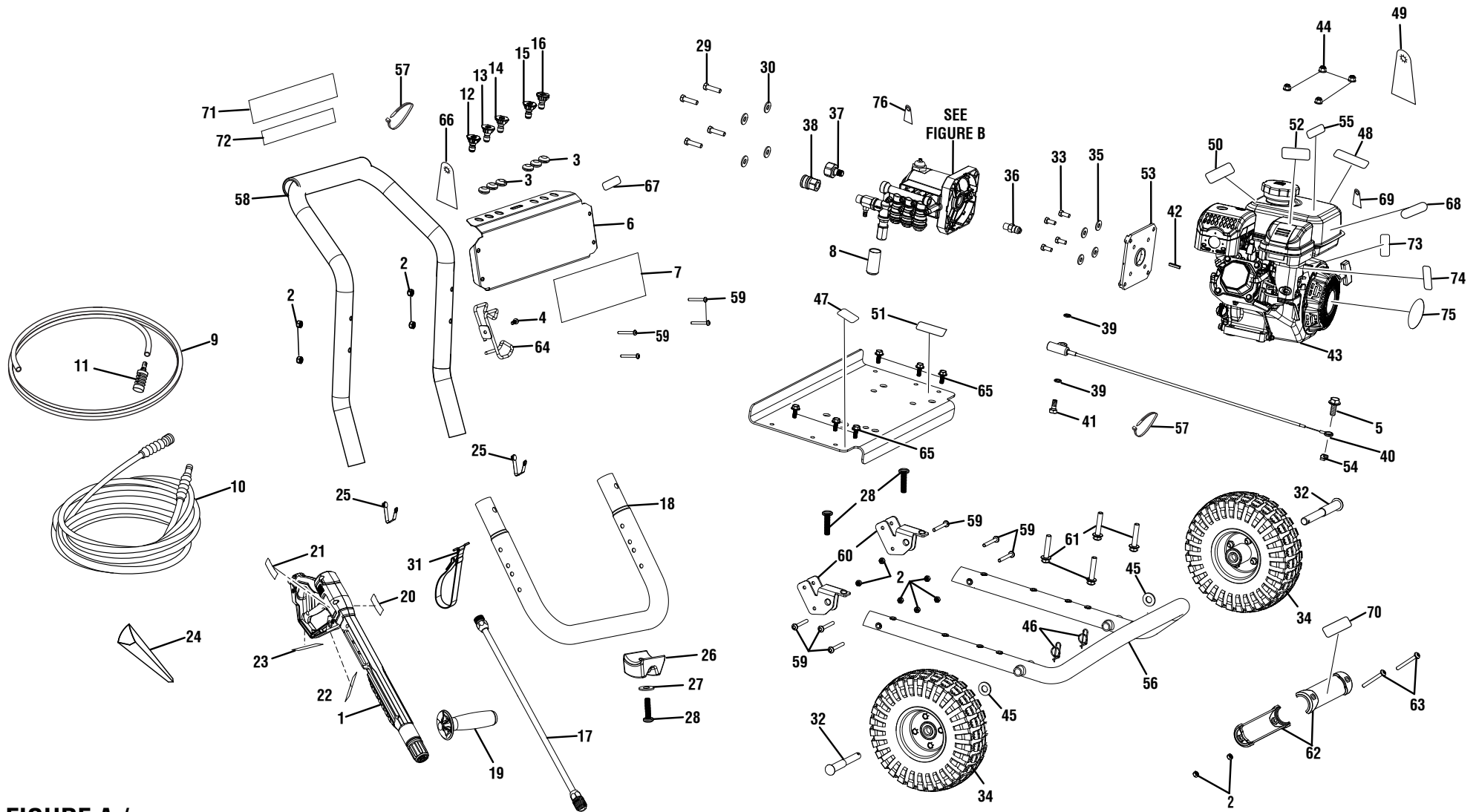


FIGURE A /  
FIGURA A



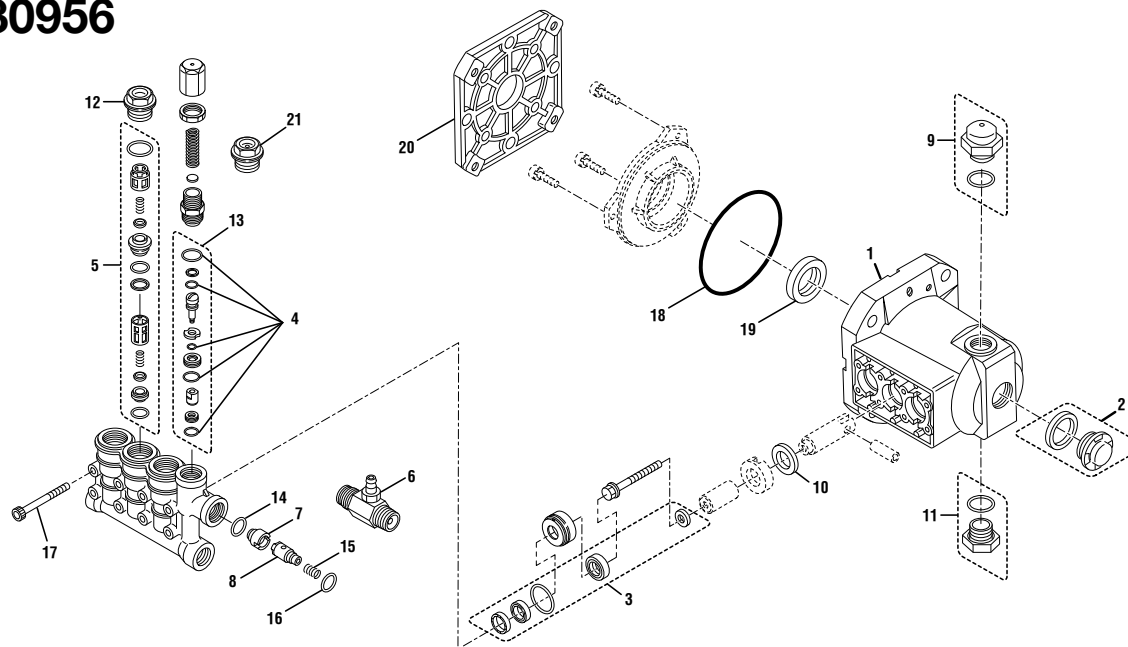
# RD80956 Gasoline Pressure Washer

## FIGURE A

KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY			
1	308760037	Trigger Handle Assembly (Inc. Key Nos. 19-20, 22-23)	1	25	308421004	Lock Button w/Spring Clip	2	53	638642001	Pump Flange	1
2	678610006	Lock Nut (M6)	12	26	561307007	Wear Pad	1	54	524014001	Cable Clamp	1
3	561383004	Rubber Grommets	6	27	638128004	Washer (1/4 in.)	1	55	941613004	Pressure Release Label	1
4	660224013	Screw (M6 X16 mm, Phillips Pan Hd.)	1	28	660224009	Screw (M6 x 25 mm, T30 Torx Hd.)	3	56	308471049	Main Frame Assembly (Inc. Key Nos. 2, 28 & 59-60)	1
5	660938003	Bolt (M5 x 20 mm)	1	29	661558001	Bolt (3/8-16 x 1-3/8 in., Hex Hd.)	4	57	900333015	Wire Tie	2
6	638671010	Metal Performance Panel & Nozzle Holder	1	30	638386002	Washer (3/8 in.)	4	58	308638054	Handle Assembly	1
7	940779116	Performance Label	1	31	308350001	Hose Storage Strap	1	59	661503015	Bolt (M6 X 48 mm, T30 Torx Hd.)	10
8	570410002	Pump Unloader Cap	1	32	620598002	Axle	2	60	638578002	Connector	2
9	561399003	Injection Hose	1	33	661557001	Bolt (5/16-24 x 3/4 in., Hex Hd.)	4	61	660764002	Bolt (M8 x 1.25 x 40 mm, Flange Hd.)	4
10	308835059	High Pressure Hose (30 ft.)	1	34	308451057	Wheel	2	62	522951001	Lower Frame Cover	2
11	308103015	Injection Hose Filter	1	35	638675002	Washer (5/16 in.)	4	63	661834002	Screw (M6 x 55 mm, T30 Torx Hd.)	2
12	308697030	0 Deg Nozzle	1	36	678169004	Thermal Release Valve	1	64	638701029	Wand Holder	1
13	308698015	15 Deg Nozzle	1	37	308692003	Garden Hose Coupler w/Filter	1	65	661505020	Bolt (M6 x 16 mm, Flange Hd.)	6
14	308699030	25 Deg Nozzle	1	38	308661004	Quick Disconnect (Female)	1	66	961039006	Nozzle Hang Tag	1
15	308706011	Soap Nozzle	1	39	310928001	Seal	2	67	940378015	Extra Nozzle Label	1
16	308700015	40 Deg Nozzle	1	40	310437017	Idle Down Assembly	1	68	940639011	Idle Down Label	1
17	308494004	Spray Wand	1	41	660971005	Idle Down Bolt (M10 x 1.5 mm)	1	69	940889002	Oil Dipstick Hang Tag	1
18	308774002	Rear Frame Assembly (Inc. Key Nos. 25-28)	1	42	678041006	Output Shaft Key (35 mm)	1	70	940705227	Logo Label	1
19	521830002	Auxiliary Handle Assembly	1	43	**	Horizontal Engine (Ridgid 212cc)	1	71	940917272	Quick Start Label	1
20	940654061	Trigger Handle Warning Label	1	44	678774002	Lock Nut (M8)	4	72	941486013	Inquires Label	1
21	940726009	Trigger Handle Label	1	45	638275002	Washer (1/2 in.)	2	73	940698034	On/Off Label	1
22	941749001	Trigger Handle Max Pressure Label	1	46	678899001	Hitch Pin	2	74	940647112	Choke & Fuel Label	1
23	940654058	Trigger Handle Warning Label	1	47	940947003	Combustion Warning Label	1	75	940633042	Recoil Housing Label	1
24	519314001	Funnel	1	48	940894004	Danger Label	1	76	940971084	Vent Cap Hang Tag	1
				49	940473012	Notice Hang Tag	1	<b>Not Shown:</b>			
				50	940872003	E-85 Label	1	*	Oil (SAE 30 or SAE 10W30)		
				51	940871010	Check Oil Label	1	991000229	Operator's Manual		
				52	940680027	Hot Surface Label	1	991000230	Assembly Guide		

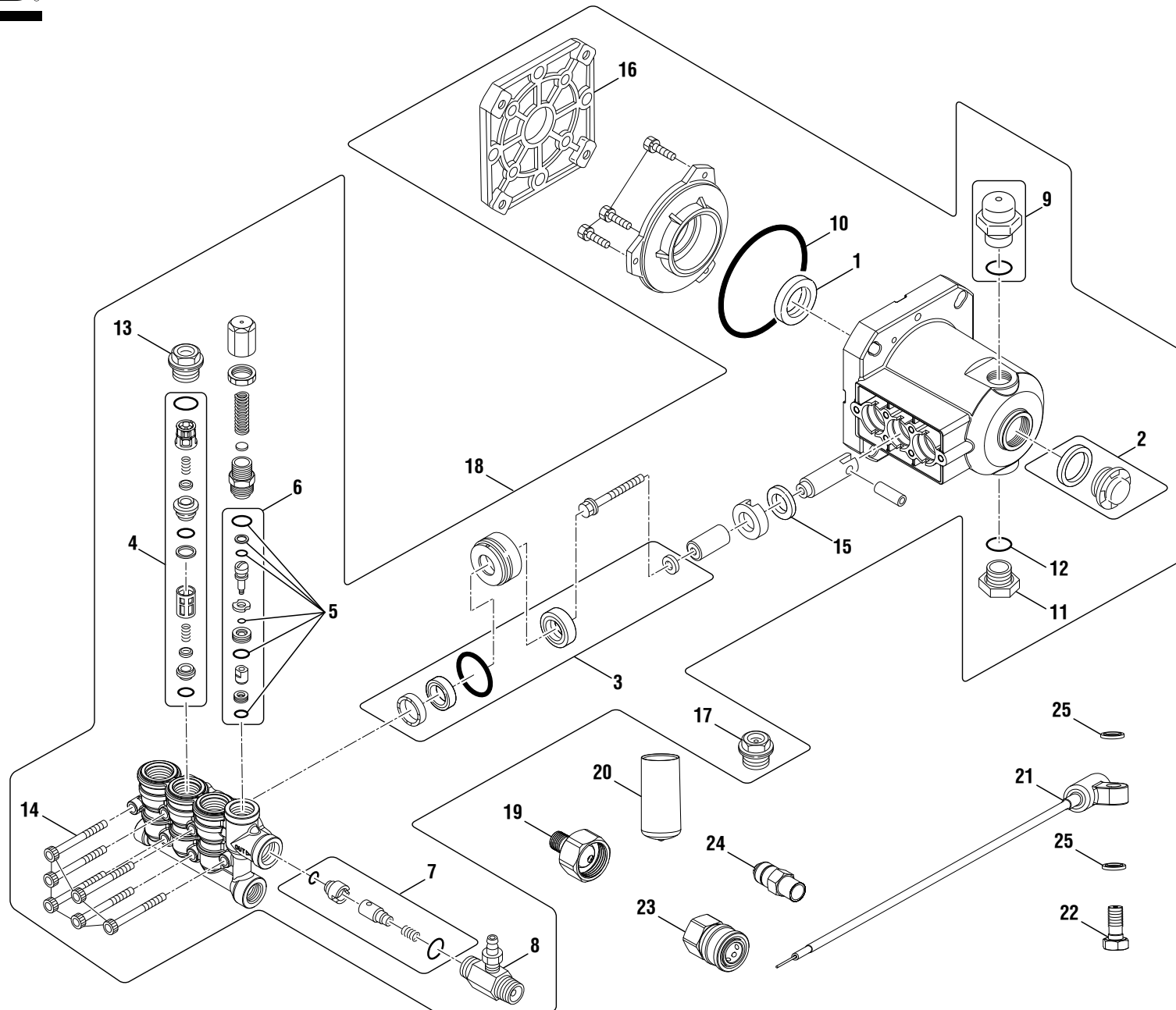
\* Standard Hardware Item – May Be Purchased Locally

\*\* OWT Industries, Inc., will not provide complete engines as replacement parts. Engines are covered through the engine manufacturer's warranty. Consult the accompanying engine manual or contact our service department for assistance.



**3GXT30**  
**FIGURE B /**  
**FIGURA B**

KEY PART NO.	NUMBER	DESCRIPTION	QTY	CLÉ NO.	RÉF. DE PIÈCE	DESCRIPTION	QTÉ	NÚM REF.	NÚM PIEZA	DESCRIPCIÓN	CANT.
1	308694018	Pump Assembly (Inc. Key Nos. 2-21) .....	1	1	308694018	Ensemble de pompe (incl. lég. réf. 2-21) .....	1	1	308694018	Conjunto de bomba (incl. núm. ref. 2-21) ....	1
2	308688006	Bubble Oil Gauge w/Gasket.....	1	2	308688006	Jauge d'huile à bulle d'air avec joint statique.....	1	2	308688006	Indicador de burbuja de aceite con junta ....	1
3	120440001	Seal Kit.....	1	3	120440001	Kit de joint .....	1	3	120440001	Kit del sello.....	1
4	120971002	O-Ring Kit.....	1	3	120971002	Kit de joint .....	1	4	120971002	Kit del anillo en "O" .....	1
5	120441001	Valve Kit (Set of 3) .....	1	4	120971002	Kit de joint torique en O .....	1	5	120441001	Kit del válvula (juego de 3) .....	1
6	310735002	Chemical Injector .....	1	5	120441001	Kit de valve (ensemble de 3) .....	1	6	310735002	Inyector químico.....	1
7	678842001	Check Valve Seat .....	1	6	310735002	Injecteur chimique.....	1	7	678842001	Válvula de retención asiento .....	1
8	308826003	Check Valve w/O-Ring .....	1	7	678842001	Clapet antiretour assise .....	1	8	308826003	Válvula de retención / anillo en "O".....	1
9	310438002	Vent Cap (CAT) .....	1	8	308826003	Clapet antiretour / joint torique en O.....	1	9	310438002	Tapa de ventilación (CAT).....	1
10	570763007	Oil Seal .....	1	9	310438002	Bouchon d'évent (CAT) .....	1	10	570763007	Aceite el sello .....	1
11	310923001	Drain Plug.....	1	10	570763007	Joint d'huile.....	1	11	310923001	Tapón de drenaje.....	1
12	679405002	Plug .....	2	11	310923001	Bouchon de vidange.....	1	12	679405002	Tapón.....	2
13	310924001	Unloader Assembly (Inc. Key No. 4) .....	1	12	679405002	Bouchon.....	2	13	310924001	Conjunto del descargador (incl. pza. núm. ref. 4).....	1
14	570742012	O-Ring.....	1	13	310924001	Ensemble déchargeur (incl. pièce réf. 4).....	1	14	570742012	Anillo en "O".....	1
15	679444001	Spring.....	1	14	570742012	Joint torique en O .....	1	15	679444001	Resorte.....	1
16	570742010	O-Ring.....	1	15	679444001	Ressort.....	1	16	570742010	Anillo en "O".....	1
17	661557012	Screw (M6) .....	8	16	570742010	Joint torique en O .....	1	17	661557012	Tornillo (M6).....	8
18	570742070	O-Ring.....	1	17	661557012	Vis (M6).....	8	18	570742070	Anillo en "O".....	1
19	570742069	Oil Seal .....	1	18	570742070	Joint torique en O .....	1	19	570742069	Aceite el sello .....	1
20	638642001	Pump Flange.....	1	19	570742069	Joint d'huile.....	1	20	638642001	Brida del bomba.....	1
21	638054001	Idle Down Plug .....	1	20	638642001	Flasque à pompe .....	1	21	638054001	Conjunto de control del acelerador.....	1
				21	638054001	Ensemble de commande d'accélérateur .....	1				



4GXT30  
FIGURE C /  
FIGURA C



RD80956

FIGURE C / FIGURA C - 4GXT30

KEY PART NO.	NUMBER	DESCRIPTION	QTY	CLÉ NO.	RÉF. DE PIÈCE	DESCRIPTION	QTÉ	NÚM REF.	NÚM PIEZA	DESCRIPCIÓN	CANT.
1	570742069	Oil Seal.....	1	1	570742069	Joint d'huile.....	1	1	570742069	Joint d'huile.....	1
2	308688007	Gauge.....	1	2	308688007	Jauge.....	1	2	308688007	Jauge.....	1
3	120971001	Seal Kit.....	3	3	120971001	Ensemble de joints.....	3	3	120971001	Ensemble de joints.....	3
4	310866003	Valve Assembly.....	3	4	310866003	Module de la valve.....	3	4	310866003	Module de la valve.....	3
5	120971002	O-Ring Kit.....	1	5	120971002	Ensemble de joint torique.....	1	5	120971002	Ensemble de joint torique.....	1
6	120971004	Unloader Kit.....	1	6	120971004	Kit de déchargeur.....	1	6	120971004	Kit de déchargeur.....	1
7	120971003	Check Valve Kit.....	1	7	120971003	Kit de clapet anti-retour.....	1	7	120971003	Kit de clapet anti-retour.....	1
8	310735003	Fixed Injector.....	1	8	310735003	Fixe d'injecteur.....	1	8	310735003	Fixe d'injecteur.....	1
9	310438002	Oil Fill Cap w/O-Ring.....	1	9	310438002	Orifice de remplissage d'huile, avec joint torique capuchon.....	1	9	310438002	Orifice de remplissage d'huile, avec joint torique capuchon.....	1
10	570742070	O-Ring.....	1	10	570742070	Joint torique.....	1	10	570742070	Joint torique.....	1
11	526472001	Drain Plug.....	1	11	526472001	Bouchon de vidange.....	1	11	526472001	Bouchon de vidange.....	1
12	561384011	O-Ring.....	1	12	561384011	Joint torique.....	1	12	561384011	Joint torique.....	1
13	526473001	Plug.....	2	13	526473001	Bouchon.....	2	13	526473001	Bouchon.....	2
14	673205001	Bolt.....	6	14	673205001	Boulon.....	6	14	673205001	Boulon.....	6
15	570763007	Oil Seal.....	1	15	570763007	Joint d'huile.....	1	15	570763007	Joint d'huile.....	1
16	638642001	Pump Flange.....	1	16	638642001	Flasque à pompe.....	1	16	638642001	Flasque à pompe.....	1
17	638054001	Idle Down Plug.....	1	17	638054001	Ensemble de commande d'accélérateur.....	1	17	638054001	Ensemble de commande d'accélérateur.....	1
18	308694033	Pump Assembly (4GXT30, Inc. Key Nos. 1-17).....	1	18	308694033	Ensemble de pompe (4GXT30, incl. lég. réf. 1-17).....	1	18	308694033	Ensemble de pompe (4GXT30, incl. lég. réf. 1-17).....	1
19	308692003	Garden Hose Coupler w/Filter.....	1	19	308692003	Connecteur de tuyau d'arrosage / élément filtrant.....	1	19	308692003	Connecteur de tuyau d'arrosage / élément filtrant.....	1
20	570410002	Unloader Cap.....	1	20	570410002	Tapa de déchargeur.....	1	20	570410002	Tapa de déchargeur.....	1
21	310437017	Idle Down Assembly.....	1	21	310437017	Ensemble de commande d'accélérateur.....	1	21	310437017	Ensemble de commande d'accélérateur.....	1
22	660971005	Bolt (M10 x 1.5 in., Special).....	1	22	660971005	Boulon (M10 x 1.5 po, spécial).....	1	22	660971005	Boulon (M10 x 1.5 po, spécial).....	1
23	308661004	Quick Connect (3/8 in.).....	1	23	308661004	Connexion rapide (3/8 po).....	1	23	308661004	Connexion rapide (3/8 po).....	1
24	678169004	Thermal Release Valve.....	1	24	678169004	Soupape thermique.....	1	24	678169004	Soupape thermique.....	1
25	310928001	Compression Seal.....	2	25	310928001	Joint Compression.....	2	25	310928001	Joint Compression.....	2

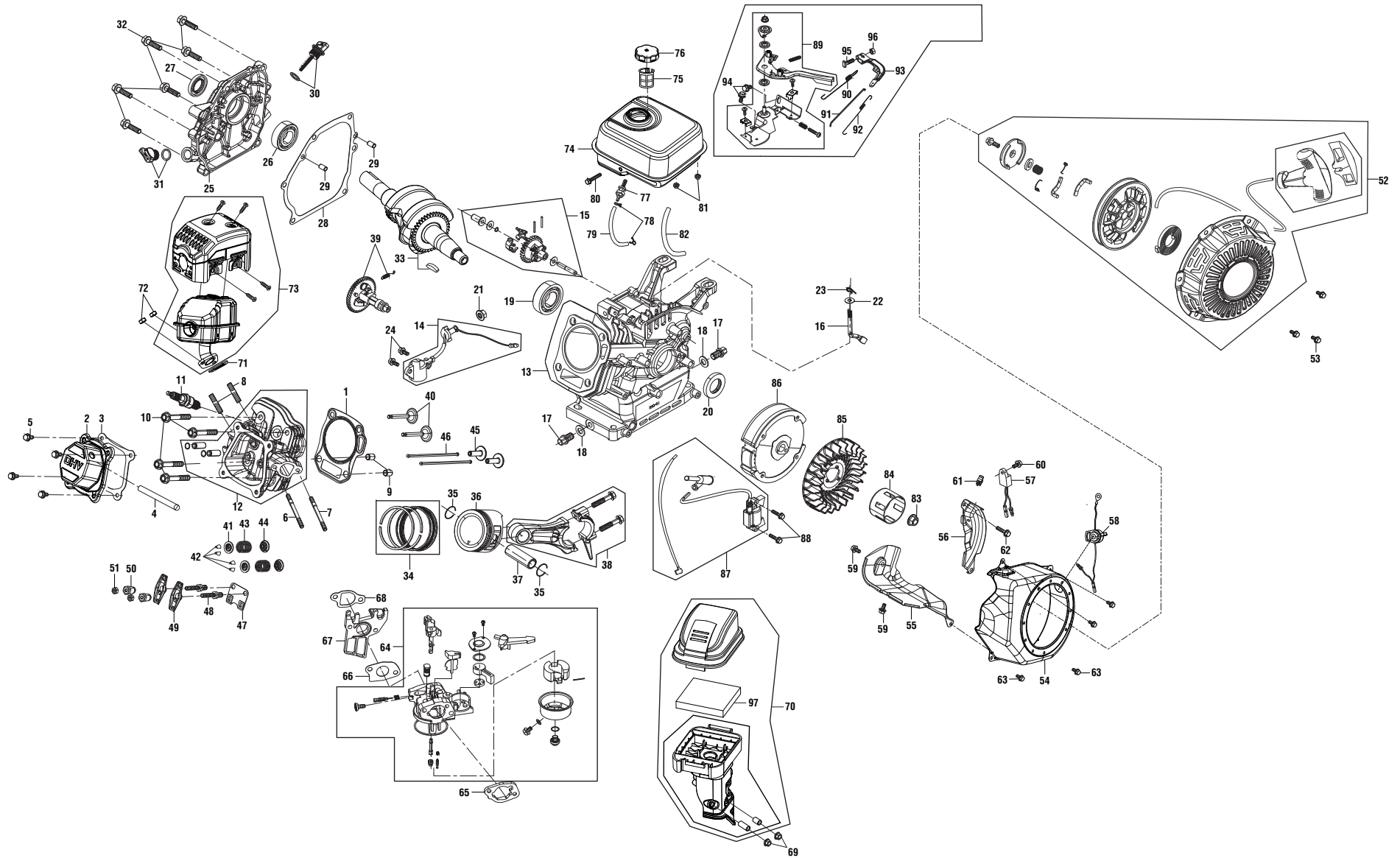


FIGURE D /  
FIGURA D



# RD80956 Gasoline Pressure Washer

## FIGURE D

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	12131-Z530320-0000	Cylinder Head Gasket.....	1	27	90682-Z300110-0000	Oil Seal.....	1
2	12410-Z440110-0099	Cylinder Head Cover Assembly.....	1	28	11001-Z440110-0000	Crankcase Gasket .....	1
3	12004-Z440110-0000	Cylinder Head Cover Gasket .....	1	29	90502-0912-00	Pin.....	2
4	17004-Z440110-0000	Breather Tube.....	1	30	15010-Z010120-QG00	Dipstick Assembly .....	1
5	90001-0612-01	Bolt.....	4	31	15030-Z010120-QG00	Oil Plug Assembly.....	1
6	90204-Z010310-0000	Stud .....	1	32	90001-0832-01	Bolt.....	6
7	90207-Z330210-0000	Stud .....	1	33	13300-Z530210-0000	Crankshaft Assembly.....	1
8	90203-Z010110-0000	Stud .....	2	34	13200-Z140210-0099	Piston Ring Assembly .....	1
9	90502-1114-00	Pin.....	2	35	13122-Z010110-0000	Piston Pin Clip .....	2
10	12003-Z010110-0000	Cylinder Head Bolt.....	4	36	13111-Z140220-0099	Piston.....	1
11	30010-Z010210-0000	Spark Plug .....	1	37	13121-Z010110-0000	Piston Pin.....	1
12	12140-Z810210-0000	Cylinder Head Assembly.....	1	38	13010-Z440210-0099	Connecting Rod.....	1
13	11310-Z530410-0099	Crankcase Assembly .....	1	39	14200-Z530110-0099	Camshaft Assembly.....	1
14	37060-Z010120-0000	Engine Oil Sensor .....	1	40	12110-Z810110-0099	Valve.....	1
15	16400-Z010110-0000	Governor Gear Assembly.....	1	41	12112-Z810110-0000	Valve Spring Seat.....	2
16	16061-Z010110-0000	Governor Arm .....	1	42	12109-Z810110-0000	Valve Lock Clamp .....	4
17	11007-Z010110-0000	Drain Plug .....	2	43	12103-Z010110-0000	Valve Spring .....	2
18	90408-Z010110-0000	Washer .....	2	44	12101-Z810210-0000	Seal Guide .....	2
19	90547-0205-CL	Ball Bearing.....	1	45	14081-Z040110-0000	Valve Tappet.....	2
20	90682-Z300110-0000	Oil Seal.....	1	46	14071-Z440110-0000	Valve Lifter .....	2
21	90305-Z010210-01	Lock Nut .....	1	47	14090-Z010110-0000	Lifter Stopper Plate Assembly .....	1
22	90408-Z010210-0000	Washer .....	1	48	14313-Z010110-0000	Valve Adjustment Bolt.....	2
23	90501-Z010110-0000	Pin.....	1	49	14311-Z010110-0000	Valve Rocker .....	2
24	90001-0614-01	Bolt.....	2	50	14314-Z010110-0000	Valve Adjustment Nut.....	2
25	11411-Z440210-0000	Crankcase Cover .....	1	51	14312-Z010110-0000	Valve Lock Nut.....	2
26	90547-0205-CL	Ball Bearing.....	1	52	28200-Z440610-H600	Recoil Starter Assembly.....	1





# RD80956 Gasoline Pressure Washer

## FIGURE D

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
53	90001-0608-01	Bolt.....	3	78	90740-Z010210-0000	Collar.....	2
54	28110-Z010410-H600	Shroud .....	1	79	90686-Z010710-0000	Fuel Tube .....	1
55	19304-Z010110-0000	Cylinder Body Shroud.....	1	80	90007-0630-A1	Bolt.....	1
56	19340-Z010120-0000	Lower Shield .....	1	81	90305-0600-31	Lock Nut .....	2
57	37050-Z010210-0000	Oil Protector.....	1	82	30431-Z010110-0000	Rubber Jacket.....	1
58	35540-Z060140-QG00	Stop Engine Switch Assembly.....	1	83	13501-Z010110-0000	Flywheel Nut .....	1
59	90001-0610-01	Bolt.....	2	84	28002-Z300110-0000	Starter Pulley.....	1
60	90001-0612-01	Bolt.....	1	85	19352-Z440110-0000	Impeller .....	1
61	90740-Z010110-0000	Collar.....	1	86	13510-Z440410-0000	Flywheel Assembly .....	1
62	90001-0616-01	Bolt.....	1	87	30400-Z010210-0000	Ignition Coil.....	1
63	90001-0612-01	Bolt.....	4	88	90001-0625-01	Bolt.....	2
64	16100-Z530610-QG99	Carburetor Assembly .....	1	89	16520-Z010430-0000	Throttle Control Assembly .....	1
65	17001-Z010210-0000	Air Cleaner Gasket.....	1	90	16063-Z050120-0000	Governor Spring .....	1
66	16001-Z010110-0000	Carburetor Gasket .....	1	91	16062-Z010110-0000	Governeor Rod .....	1
67	16003-Z010110-0000	Carburetor Insulator Plate.....	1	92	16012-Z010110-0000	Throttle Valve Return Spring.....	1
68	16002-Z050110-0000	Carburetor Insulator Gasket .....	1	93	16070-Z010110-0000	Governor Support Assembly .....	1
69	90305-0600-31	Lock Nut .....	2	94	90001-0610-01	Bolt.....	2
70	17100-Z440110-0000	Air Cleaner .....	1	95	16072-Z010110-0000	Governor Support Bolt.....	1
71	18001-Z440110-0000	Exhaust Gasket.....	1	96	90305-0600-31	Bolt.....	1
72	90303-0800-31	Lock Nut .....	2	97	17151-Z440110-0000	Air Cleaner Element Assembly.....	1
73	18100-Z443410-H300	Muffler Assembly .....	1	<b>Not Shown:</b>			
74	16620-Z440410-H700	Fuel Tank.....	1	120960007	High Altitude Kit (3000–6000 ft.) Ruixing Carburetor		
75	16652-Z010710-0000	Fuel Strainer.....	1	120960008	High Altitude Kit (6000–8000 ft.) Ruixing Carburetor		
76	16730-Z440210-0099	Fuel Tank Cover .....	1	120968027	High Altitude Kit (3000–6000 ft.) Huayi Carburetor		
77	16680-Z010110-0000	Fuel Tank Oil Outlet Assembly .....	1	120968028	High Altitude Kit (6000–8000 ft.) Huayi Carburetor		