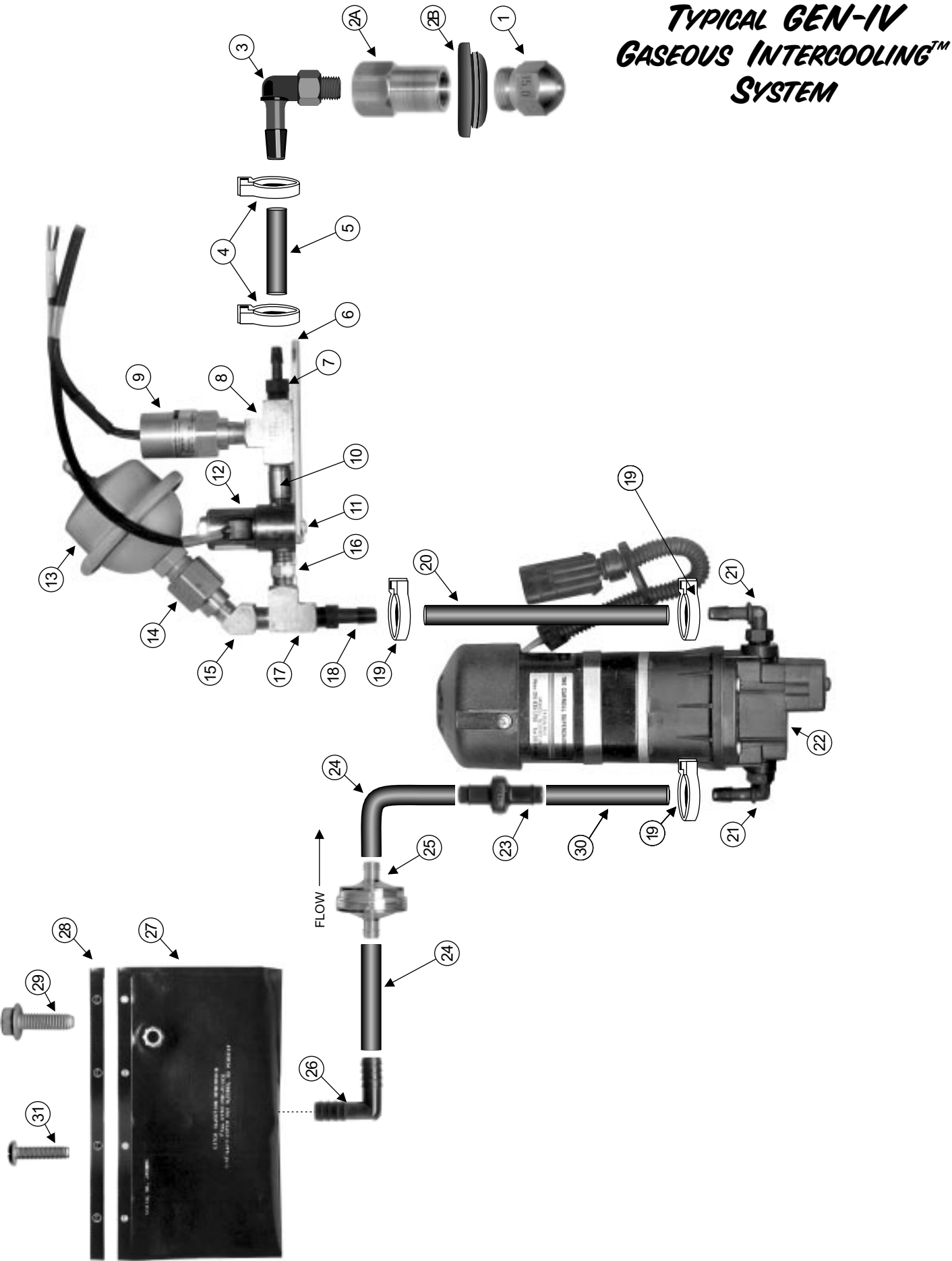




TYPICAL MECHANICAL SYSTEM COMPONENTS FOR GEN-IV GASEOUS INTERCOOLING™ SYSTEM

ITEM	DESCRIPTION	QTY	PART NO.	CHECKED
1	NOZZLE, Gaseous Intercooling™, stainless steel	1	N-15	☐
2A	GROMMET, for nozzle holder into 1/8" aluminum	1	495-002	☐
2A	GROMMET, for nozzle holder into 1/4" aluminum	1	495-016	☐
2B	ADAPTOR, brass, nozzle holder, 1-3/8" long x 1/8" FPT	1	5600-000	☐
3	ADAPTOR, nylon, "U" tube to discharge water hose, 1/8" NPT x 7mm barbed hose	1	L2-4BN	☐
4	CLAMP, plastic, #26, pinch, attach 7mm discharge hose to solenoid assembly and "U" tube	3	2312	☐
5	HOSE, discharge, 7mm x 48" long	48"	N20 357.1	☐
6	BRACKET, aluminum, mounting plate for water solenoid assembly	1	A 1282	☐
7	ADAPTOR, nylon, discharge from solenoid assembly, 1/4" NPT x 1/4" barbed hose	1	A4-4BN	☐
8	TEE, brass, 1/4" NPT	1	2203P-4	☐
9	SWITCH, pressure, 1/8" NPT, part of water solenoid assembly	1	MPL-808	☐
10	NIPPLE, brass, 1/4" MPT x 1-1/2"	1	215NPL-4-15	☐
11	SCREW, flathead stainless, 8/32 x 1/2	2	NPN	☐
12	SOLENOID, water	1	V52LB2125	☐
13	TANK, pressure	1	150A	☐
14	REDUCER, brass, 1/2" x 1/4" NPT	1	208P-8-4	☐
15	ADAPTOR, brass, 45° street elbow, 1/4" NPT	1	2214P-4-4	☐
16	NIPPLE, brass, hex, shoulder, 1/4" NPT	2	216P-4	☐
17	STREET TEE, brass, 1/4" NPT, part of water solenoid assembly	1	2225P-4	☐
18	ADAPTOR, nylon, inlet to solenoid assembly, 1/4" NPT x 3/8" barbed hose	1	A4-6BN	☐
19	CLAMP, plastic, #30, pinch, for 9mm hose ends	3	2316	☐
20	HOSE, 9mm id x 60" long, connect pump to water solenoid assembly	60"	N20 359.1	☐
21	ADAPTOR, nylon, pump inlet and outlet, 1/4" NPT x 3/8" barbed elbow	2	L4-6BN	☐
22	PUMP, high-pressure, diaphragm type with 12 VDC totally enclosed motor	1	D2130	☐
23	VALVE, checkvalve 3/8" x 3/8" barbed, for water bladder	1	A430	☐
24	HOSE, water pump supply, 5/16" x 5 feet vacuum hose	1	91-543	☐
25	FILTER, water	1	81-0240	☐
26	ADAPTOR, plastic, 3/8" x 3/8" barbed hose elbow for bladder outlet	1	62050	☐
27	BLADDER, water reservoir, 22" x 12.0" with center outlet hose	1	B-10050	☐
28	RAIL, water bladder adaptor to radiator shroud	1	R-100	☐
29	BOLT, 6mm hex head to attach rail adaptor to radiator shroud	2	11508600	☐
31	SCREW, #10-32 x 1/2" long, S/S pan head to attach bladder to rail adaptor	4	NPN	☐
	CLAMP, cable, black vinyl, 9/16" id, for retaining hoses	2	3379	☐