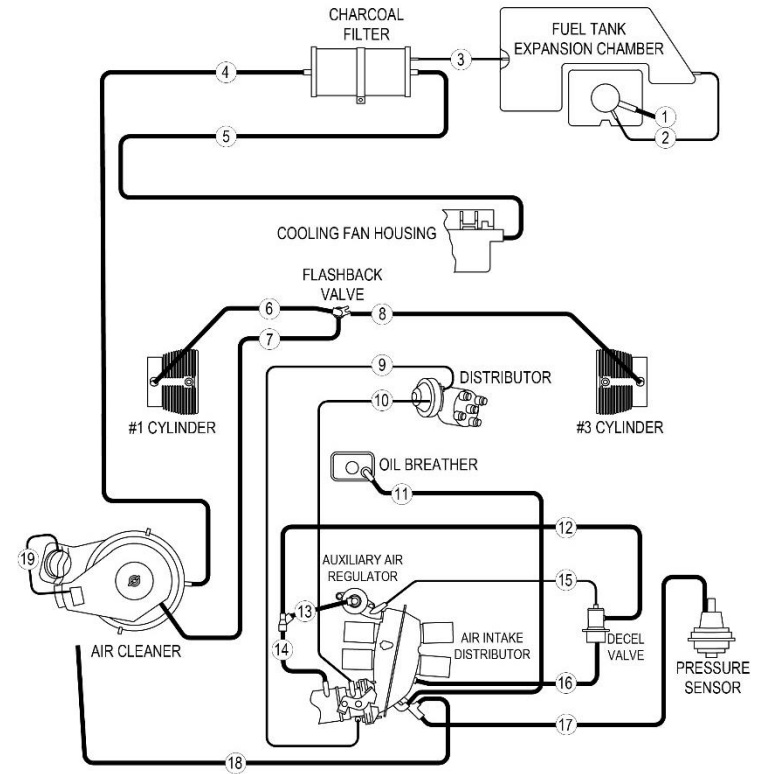


Basic Components and Hose Routing of the D-Jetronic System (1972 1.7L shown)

ITEM	DESCRIPTION	CONNECTION OD (mm) see Note 2	LENGTH (inches) see Note 3
1	Fuel cap to under car	18	21"
2	Fuel cap to expansion chamber	5	13"
3	Expansion chamber to charcoal filter	5	14"
4	Charcoal filter to air cleaner	13	140"-179" (see note 4)
5	Charcoal filter to cooling fan housing	13	165" (see note 5)
6	Flashback valve to cylinder #1	13	16"
7	Flashback valve to air cleaner	13	21"
8	Flashback valve to cylinder #3	13	39"
9	Distributor to intake air distributor	5	28"
10	Distributor to intake air distributor	4	18"
11	Oil breather to intake air distributor	13	14"
12	Decel Valve to "Y" connector	10	29"
13	Auxiliary air regulator to "Y" connector	13/15 (see Note 6)	3 3/3" (6" total)
14	"Y" connector to intake air distributor	15	6"
15	Decel valve to auxiliary air regulator	5	22"
16	Decel valve to intake air distributor	10	20"
17	Pressure sensor to intake air distributor	9	21"
18	Air cleaner to intake air distributor	5	44"
19	Vacuum control unit to temp regulator	5	17"

Created by: Jeff Lindell (aka 914 RZ-1)



Notes:

- All dimensions based on measurements made on a 1972 1.7L equipped with an oil bath air cleaner.
- Use hose ID 1mm smaller. For less than 5mm, use hose ID 0.5mm smaller
- Lengths are approximate.
- Hose can be 3 pieces: 30" from charcoal filter to longitudinal, 44" from longitudinal to engine bay entry, 66" from engine bay entry to air cleaner. Length will depend on orientation of air cleaner.
- Hose can be 3 pieces: 66" from charcoal filter to longitudinal, 44" from longitudinal to engine bay entry, 55" from engine bay entry to cooling fan housing.
- Stock piece is a reducer hose. OK to use 2 hoses with a reducer coupling.
- Total 3.5mm hose: 18"
- Total 4.5mm hose: 138" (11'-5")
- Total 8mm hose: 21"
- Total 10mm hose: 49"
- Total 12mm hose: 398"-437" (33'-2"-36'-5")
- Total 14mm hose: 9"
- Total 17mm hose: 21"

mm	In. equiv.	Nearest fraction (decimal)
3.5	0.138	9/64 (0.141)
4	0.157	5/32 (0.157)
4.5	0.177	11/64 (0.172)
5	0.197	3/16 (0.187)
8	0.315	5/16 (0.313)
8.5	0.335	11/32 (0.344)
9	0.354	23/64 (0.359)
9.5	0.374	3/8 (0.375)
10	0.394	13/32 (0.406)
12	0.472	15/32 (0.469)
13	0.512	1/2 (0.500)
17	0.669	21/32 (0.656)