

1	2	3	4		5	6	7	8
9	10	11	12	13	14	15	16	17
18	19	20	21	22	23			
24	25	26	27	28	29	30	31	32
33	34	35						

VIT [61]			Light blue connector (large) (35)			VITARA		
1	co adjusting resistor Supply	GR-R						
2	Radio/dome Supply	W						
3	Diag pin 1	W-L						
4	Cruze control	Gr						
5	Diag pin 6	V						
6	Tacho	Br						
7	CEL lamp	V-Y						
8								
9	EFI relay	L						
10	co adjusting resistor signal	Gr-B						
11								
12	DLC pin 9	V-W						
13	DLC pin 7	V-R						
14	Diag pin 5	W-R						
15								
16	A/C controller	P-W						
17	triple pressure switch	G-B						
18	condenser fan high relay	L-O						
19	4x4xlamp	O-B						
20	12v efi supply	L-B						
21	12v efi supply	L-B						
22	condenser fan relay	Y-L						
23	fuel pump relay (without immobilizer)	W-G						
24	co adjusting resistor GND	Gr-Y						
25	Cruze control lamp ?	Y-W						
26								
27								
28	Fuel light	L-W						
29	Diag pin 2	Y						
30	ABS	P-B						
31								
32	can	W						
33	can	O						
34	brake light switch	G-W						
35	fuel pump relay (with immobilizer)	W-G						

71	72	73	74			75	76	77
78	79	80	81	82	83	84	85	86
87	88	89						
90	91	92	93	94	95	96	97	98

VIT [51-1]			Orange connector (28)			VITARA		
1								
2								
3								
4	iac b					V-B		
5	iac a					Lg-B		
6								
7								
8								
9								
10								
11								
12	CMP sensor pin 3					Y-G		
13	CMP sensor pin 4					Y-B		
14	VSS speed sensor							
15	evap purge					G-B		
16	iac d					V-Y		
17	iac c					Gr-L		
18								
19								
20								
21								
22								
23								
24	Transmission Range sensor					B-Y		
25	P/S spessure switch					L-O		
26								
27								
28								

Key colours			
L	blue		
G	Green		
W	White		
Y	Yellow		
B	Black		
BR	Brown		
R	Red		
O	Orange		
LG	Light Green		
V	violet		
P	Pink		
TRP	transparent		
SI	silver		
SB	Sky Blue		
KEY			
E/C	enging control		
A/T	Automatic Transmission		
I/D	Instrument display		
D/C	Diagnostic Connector		
N/C	Not connected		
A/C	Air Con		
E/T	electronic Throttle		

41	42	43			44	45	46
47	48	49	50	51	52	53	54
55	56	57					
58	59	60	61	62	63	64	65
66							

VIT [51-3]			Light blue connector (small) (26)			VITARA		
1	IAT sensor	Sb						
2	ECT sensor	G						
3	Knock sensor	W						
4	12v ign	L-B						
5	air flow meter GND	Gr-Y						
6	gnd	B-G						
7	Compressor relay	P						
8	map sensor supply	R-W						
9	TPS sig	R-G						
10	air flow meter sensor	V-W						
11	o2 sensor 1	R						
12	TPS gnd	G-Y						
13	TPS +v	GR-R						
14	map sensor supply	GR-R						
15	12v ign	L-B						
16								
17	o2 sensor 4	P-W						
18	triple pressure switch	O						
19								
20	v batt	B-W						
21	o2 sensor 2	B-L						
22	o2 sensor 3	R-B						
23								
24								
25	Sensor gnd	Gr-Y						
26	CMP sensor GND							

101	102	103	104			105	106	107
108	109	110	111	112	113	114	115	116
117	118	119	120					
121	122	123	124	125	126	127	128	129
130								

VIT [51-2]			Green connector (30)			VITARA		
1	Inj 2					P-B		
2	Inj 1					P		
3	Free axle motor					G-Y		
4	o2 heater 1					Gr-B		
5	o2 heater 2					B-R		
6	Varable inhalation Valve					Gr-R		
7	GND					B-G		
8	Inj 4					P-L		
9	Inj 3					P-G		
10	Free axle motor					G-B		
11	4x4 switch					W-Y		
12	egr step c					Lg-R		
13	egr step d					Lg-Y		
14	egr step b					Lg-W		
15	egr step a					Lg		
16	o2 heater 3					W-B		
17	o2 heater 4					P-W		
18								
19	ckp sensor signal					W-L		
20	ckp sensor supply					O-L		
21	Inj 6					Gr-B		
22	Inj 5					P-G		
23	ig coil 6					B-Br		
24	ig coil 5					Br-R		
25	ig coil 4					Br-Y		
26	ig coil 3					B-W		
27	ig coil 2					Br-B		
28	ig coil 1					Br		
29								
30	ckp sensor ground					screen		