

(All Cars) (Gandis/ Charriot 4G64/ 4g93 GDI) (RVR 4g63 T/C) (Airtrek) (Galant 4g94) (GTA 4G63) (Special Note)

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								

- RVR [B-66] AIR [C-127]
Light blue connector (large) (35)
- E/C; Injector 1
 - E/C; Injector 4
 - E/C; Lambda heater (not 4g93)
 - E/C; fuel pressure soleniod (RVR/Chariot/Galant)
 - N/C
 - E/C; EGR Solenoid (MPI) E/C; Inj Drv Relay (GDI)
 - N/C
 - E/C; Alternator REG Sink (Ground)
 - E/C; Injector 2
 - N/C
 - E/C; Ignition 1,4 E/C; Ignition 1 (GDI)
 - E/C; Ignition 1,3 E/C; Ignition 2 (GDI)
 - N/C
 - E/C; ISCV 1 E/T; THR ctrl servo relay (GDI)
 - E/C; ISCV 4 E/T; THR valve controller (GDI)
 - Sensor ground (GTA and AIR)
 - N/C
 - E/C; Fan Speed controller Module (PWM)
 - E/C; MAF Airflow meter return (GND Reset)
 - E/C; Fuel pump relay
 - A/C; Relay (magnet Clutch)
 - I/D; CEL
 - I/D; Fuel ECO Mode Lamp (GDI)
 - E/C; Injector 3
 - N/C
 - E/C; Lambda heater (Rear) (Airtrek/ Galant only)
 - E/C; Waste Gate Control (RVR/ Charriot)
 - E/C; ISCV 3 E/C; THR vlv ctrl (PWM) out (GDI)
 - E/C; ISCV 6 E/C; THR vlv ctrl (PWM) in (GDI)
 - E/C; Ignition 4 (GDI) A/C; fan low speed
 - E/C; Ignition 3 (GDI) A/C; fan high speed
 - N/C
 - E/C; Oil SupplyControl Valve VVT (4G64)
 - E/C; Evaporate purge solenoid
 - N/C

	RVR		GTA		AIR
BR	O		Y		
R-B	R		L		
Y-R	L-R		Y-R		
Y-G	G-O		L		
B-R	L-W		B-R		
W-G	W-R		Y-R		
B-L	B-Y		B-L		
W-L	B-G		W-L		
L-W	Y-L		L-Y		
L-W	R-G		W		
	B		B-W		
L-W	L		L-W		
G-B	L-B		G-B		
B-G	V				
G-D	P		G		
R-W	W-L		R-W		
L-O					
R-W	G		Y-G		
B	Y		Y-L		
W	LG		G-Y		
Y	L-Y				
B-R	G-R				
L	Y-G		BR		

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

- RVR [B-62] AIR [C-125]
Orange connector (28)
- E/C; Lambda
 - E/C; Cam Position Inlet (4G64)
 - E/C; Lambda (Rear non Turbo)
 - N/C
 - N/C
 - A/T; Ground
 - A/T; Soleniod supply
 - E/C; TPS
 - E/T; Throttle Idle switch (not AIR) ACD Input
 - E/C; Vehicle Speed Sensor (5v sensor supply on 4g64)
 - Signal gnd / ground (not GTA/ AIR)
 - N/C
 - A/C; pressure switch 1
 - OBDII; Diag Conn pin 1 (Test Mode)
 - OBDII; pin7 K-Line
 - E/C; Waste Gate S'noid (GTA/ AIR) E/T; Stop lamp switch
 - E/C; 8V sensor supply E/C; Fuel pump relay 3
 - A/T; Ground
 - A/T; Soleniod supply
 - E/C; Knock Sensor
 - E/C; In' Manifold Diff Pres
 - E/C; Fuel Tank Diff Pressure
 - E/C; Fuel diff press Snsr (AIR/ GRAND) E/C; Fuel press s'noid
 - A/C; pressure sensor (not GTA/ AIR)
 - E/T; Accelerator position sensor 1
 - E/C; Brake vacuum sensor
 - A/T; Ground (Not GTA)
 - E/C; +12v ignition IG position (on)

	RVR		GTA		AIR
W	W		W		
B	B		B		
R-L	R-L		R-Y		
G-W	G		G-W		
R-Y	R-Y				
W-L	B-Y		W-L		
BR					
G-R	P		G-B		
LG					
O	O		O-W		
LG	LG		BR-W		
R-B	R-B				
B	B		B		
R-L	R-L		R-Y		
W	W		W		
	Y		L-B		
G-W	W-B		BR		
G-R					
Y-G					
Y-R					
B					
L-B	B-R		L-B		

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							

- RVR [B-64] AIR [C-126]
Light blue connector (small) (26)
- +12v
 - Chassis ground
 - E/C; engine ignition signal (tacho)
 - E/C; Coolant temp
 - E/C; Crank angle sensor
 - +5V reference sensor supply
 - +12v
 - Chassis ground
 - E/C; EFI Relay
 - A/T; Relay (Switched positive on SH4)
 - E/C; EGR stepper coil A E/C; Fuel Temp Sensor
 - P/S; Oil pressure switch E/C; MAF Baro sensor
 - E/C; EGR stepper coil C
 - E/C; Alternator REG Supply (Field)
 - MAF Atmospheric pressure sensor
 - E/C; Cam position (exhaust VVT 4g64)
 - Sensor ground
 - E/C; Neu/Prk inhibit (crank) (SH4 Only) Ground
 - E/C; Ignition inhibit Switch (SH4 ONLY)
 - E/C;EGR stepper coil B
 - A/C; Load Signal (Idle Up)
 - E/C; EGR stepper coil D A/C; pressure sender (AIR)
 - E/C; inj disconnect check
 - E/C; MAF Intake Air Temp Sensor
 - E/C; MAF Airflow Sensor
 - +12v ECU Memory Backup

	RVR		GTA		AIR
R	R-Y		R		
B	B		B		
W-G	G-W		W-G		
Y-G	Y		Y-G		
G-R	BR-G		G-R		
Y-B	GR		Y-B		
R	R-Y		R		
B	B		B		
GR-B	R		Y-L		
W-V	L		B-W		
L					
Y	R-W		Y		
L-Y					
Y-B	W		W-B		
G-W	Y-L		G-Y		
L-Y	L-R		L-Y		
BR			BR		
B-R	B-Y				
B-Y					
L-W					
P-L	G-Y		L-W		
L-R			G-R		
B-W					
R-L	R-L		L-R		
W-R	W-R		W-R		
R-B	R-B		R-B		

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

- RVR [B-60] AIR [C-124]
Green connector (30)
- A/T; Park Inhibit switch
 - A/T; Drive Inhibit switch
 - A/T; Input shaft speed sensor
 - A/T; Output shaft speed sensor
 - A/T; Dash light Gear 1
 - A/T; Second solenoid Vv
 - A/T; TQ converter clutch solenoid
 - A/T; Reverse Inhibit switch
 - A/T; shift switch (Sport mode) A/T; gear selector switch 3
 - A/T; downshift Switch A/T; gear selector switch 1
 - N/C
 - N/C
 - D/C; pin 26 Flash PCM
 - D/C; pin 27 TCU (SH4 ecu only)
 - N/C
 - N/C hold switch
 - A/T; Dash light Gear 3
 - A/T; Dash light Gear 2
 - A/T; Reduction Solenoid Vv (5 speed only)
 - A/T; Underdrive solenoid Vv
 - A/T; Neutral inhibit switch
 - A/T; Upshift switch A/T; gear selector switch 2
 - E/T; Stop lamp switch
 - A/T; Oil temp sensor
 - A/T; Steering shift switch (GTA/ Airtrek Only)
 - N/C
 - N/C combination meter
 - A/T; Dash light gear 4 E/C; ETACS Imobilizer ?
 - A/T; Low/reverse solenoid Vv
 - A/T; Overdrive solenoid Vv

	RVR		GTA		AIR
G-R	G-R		G-R		B-R
Y-R	Y-R		Y		Y
LG	O		O		
B					
B-L	Y		Y-B		
R-Y	R-Y		R-Y		
Y-R	LG		Y-R		
Br	Br		R-G		
R-B	P		R-B		
B-Y	W-B		B-Y		
G-W	G-W		G-Y		
G-B					
W-B	L		G-B		
Y-B	R		W-B		
R	L-G		V		
R-W	R		L		
Y-G	Y-G		Y-G		
W-R	GR		L		
L-O	G		L-O		
Y	Y-B		G-R		
	P				
Y-L	L-R		Y-L		
L-B	Y-L		L-B		
L	L		R		