(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 19202 1222324 25 26 575859606162 RVR [B-65] AIR [C-127] RVR [B-61] AIR [C-125] Light blue connector (large) (35) RVR M/T RVR A/T M/T RVR M/T RVR A/T 1 1 E/C; Injector 1 BR 51 **Key colours** 2 24 E/C; Injector 3 52 3 4 E/C; fuel pressure soleniod (RVR/Chariot/Galant) 53 hlue 4 14 E/C; ISCV 1 E/T; THR ctrl servo relay (GDI) L-W 54 Green 5 15 E/C: ISCV 4 E/T: THR valve controller (GDI) I-W L-W 55 White W 6 6 E/C; EGR Solenoid (MPI) E/C; Inj Drv Relay (GDI) Y-G Y-G 56 84 OBDII; Diag Conn pin 1 (Test Mode) LG Yellow 8 20 E/C; Fuel pump relay B-G B-G 58 43 E/C; engine ignition signal (tacho) W-G W-G Black Y-R Y-R 60 3 E/C: Lambda heater BR Brown 10 11 E/C; Ignition 1,4 E/C; Ignition 1 (GDI) 62 85 OBDII; pin7 K-Line 11 27 E/C; Waste Gate Control (RVR/ Charriot) Ω Orange 12 41 +12v LG Light Green 13 42 Chassis ground violet 14 9 E/C; Injector 2 W-G W-G Pink 15 2 E/C; Injector 4 R-B R-B TRP transparent SI silver 17 28 E/C; ISCV 3 E/C; THR vlv ctrl (PWM) out (GDI) SB Sky Blue 18 29 E/C: ISCV 6 E/C: THR vlv ctrl (PWM) in (GDI) W 19 19 E/C; MAF Airflow meter return (GND Reset) G-B KEY E/C; cooling fan High E/C enging control 21 18 E/C; Fan Speed controller Module (PWM) A/T Automatic Transmission G-D 22 21 A/C; Relay (magnet Clutch) G-D I/D Instrument display D/C Diagnostic Connector 23 12 E/C; Ignition 1,3 E/C; Ignition 2 (GDI) W-L W-L 24 61 A/C; Load Signal (Idle Up) N/C Not connected 25 47 +12v A/C Air Con 26 48 Chassis ground E/T electronic Throttle 3132333435363738 7172737475767778798081 8283848586878889909192 3940414243444546 RVR [B-63) AIR [C-126] RVR [B-59] AIR [C-124] M/T Light blue connector (small) (26) RVR M/T RVR A/T M/T RVR M/T RVR A/T 71 58 E/C; Neu/Prk inhibit (crank) (SH4 Only) Ground 31 32 72 64 E/C; MAF Intake Air Temp Sensor 8 E/C; Alternator REG Sink (Ground) 33 73 34 74 75 36 22 I/D; CEL 76 71 E/C; Lambda R-W R-W 37 52 P/S; Oil pressure switch E/C; MAF Baro sensor 78 90 E/C; Knock Sensor W 38 49 E/C; EFI Relay GR-B GR-B 79 113 D/C; pin 26 Flash PCM G-W G-W 80 66 +12v ECU Memory Backup 39 R-B R-B 46 +5V reference sensor supply 82 98 E/C ign sw supply 41 54 E/C; Alternator REG Supply (Field) Y-B 83 44 E/C; Coolant temp Y-G 43 84 78 F/C: TPS G-W 44 55 MAF Atmospheric pressure sensor G-W G-W 80 E/C; Vehicle Speed Sensor (5v sensor supply on 4g64) W-L W-L 45 83 A/C; pressure switch 1 87 79 E/T; Throttle Idle switch (not AIR) ACD Input R-Y 88 56 E/C; Cam position (exhaust VVT 4g64) L-Y 89 45 E/C; Crank angle sensor G-R G-R 90 65 E/C; MAF Airflow Sensor W-R W-R 91 59 E/C; Ignition inhibit Switch (SH4 ONLY) B-Y 92 57 Sensor ground

Manual/ Auto changed wire colours/ features

Ground

91	59	E/C; Ignition inhibit Switch (SH4 ONLY)	R\ B-Y	/R M/T	RV	'R A/T
91		nly connections	D-1			
	5	N/C				
	7	N/C				
	10	N/C				
	13	N/C				
	16 17	Sensor ground (GTA and AIR) N/C				
	23	I/D; Fuel ECO Mode Lamp (GDI)	L-O		L-O	
	25	N/C	20			
	26	E/C; Lambda heater (Rear) (Airtrek/ Galant only)				
	30	E/C; Ignition 4 (GDI) A/C; fan low speed	Υ		Υ	
	31	E/C; Ignition 3 (GDI) A/C; fan high speed	B-R		B-R	
	32	N/C				
	33	E/C; Oil SupplyControl Valve VVT (4G64)				
	34 35	E/C; Evaporate purge solenoid N/C	L		L	
	50	A/T; Relay (Switched positive on SH4)	W-V		W-V	
	51	E/C; EGR stepper coil A E/C; Fuel Temp Sensor	L		L	
	53	E/C; EGR stepper coil C	L-Y		L-Y	
	60	E/C;EGR stepper coil B	L-W		L-W	
	62	E/C; EGR stepper coil D A/C; pressure sender (AIR)			L-R	
	63	E/C; inj disconnect check	B-W		B-W	
	72 73	E/C; Cam Position Inlet (4G64) E/C; Lambda (Rear non Turbo)				
	74	N/C				
	75	N/C				
	76	A/T; Ground	В		В	
	77	A/T; Soleniod supply	R-L		R-L	
	81	Signal gnd / ground (not GTA/ AIR)	BR		BR	
	82	N/C				
	86	E/C; Waste Gate S'noid (GTA/ AIR) E/T; Stop lamp			LG	
	87 88	E/C; 8V sensor supply E/C; Fuel pump relay 3	R-B B		R-B B	
	89	A/T; Ground A/T; Soleniod supply	Б R-L		в R-L	
	91	E/C; In' Manifold Diff Pres	IX-L		IX-L	
	92	E/C; Fuel Tank Diff Pressure				
	93	E/C; Fuel diff press Snsr (AIR/ GRAND) E/C; Fuel pre	G-W		G-W	
	94	A/C; pressure sensor (not GTA/ AIR)	G-R		G-R	
	95	E/T; Accelerator position sensor 1	Y-G		Y-G	
	96	E/C; Brake vacuum sensor	Y-R		Y-R	
	97 101	A/T; Ground (Not GTA) A/T; Park Inhibit switch	B G-R		B G-R	
		A/T; Drive Inhibit switch	Y-R		Y-R	
		A/T; Input shaft speed sensor	LG		LG	
	104	A/T; Output shaft speed sensor	В		В	
	105	A/T; Dash light Gear 1	B-L		B-L	
		A/T; Second solenoid Vv	R-Y		R-Y	
		A/T; TQ converter clutch solenoid	Y-R		Y-R	
	108 109	A/T; Reverse Inhibit switch A/T; shift switch (Sport mode) A/T; gear selector sw	Br R-B		Br R-B	
	110	A/T; downshift Switch A/T; gear selector switch 1	B-Y		B-Y	
	111	N/C				
	112	N/C				
	114	D/C; pin 27 TCU (SH4 ecu only)	G-B		G-B	
	115	N/C				
	116 117	N/C hold switch A/T; Dash light Gear 3	W-B		W-B	
	118	A/T; Dash light Gear 2	Y-B		Y-B	
	119	A/T; Reduction Solenoid Vv (5 speed only)			. 5	
		A/T; Underdrive solenoid Vv	R		R	
	121	A/T; Neutral inhibit switch	Y-G		Y-G	
	122	A/T; Upshift switch A/T; gear selector switch 2	W-R		W-R	
	123	E/T; Stop lamp switch	L-0		L-O	
	124	A/T; Oil temp sensor	Υ		Υ	
	125 126	A/T; Steering shift switch (GTA/ Airtrek Only) N/C				
	127	N/C combination meter				
	128	A/T; Dash light gear 4 E/C; ETACS Imobilizer ?	Y-L		Y-L	
	129	A/T; Low/reverse solenoid Vv	L-B		L-B	
	130	A/T; Overdrive solenoid Vv	L		L	