

Real Performance Product By GIZZMO

Tach Recall Shift Light GIZZMO ELECTRONICS

Thank you for purchasing the Gizmo TachRecall Shift Light. This manual contains operating instructions and installation procedures that are needed for the fitting and operation of this product.



取扱説明書 Instruction Manual

GIZZMO
ELECTRONICS

www.gizmoelectronics.com

Gizzmo TachRecall Shiftlight

The Gizzmo Tach Recall Shiftlight is unique in bringing the features of an advanced aftermarket tachometer into any tacho. The Gizzmo Tach Recall Shiftlight allows any tachometer to have a peak rpm reading saved to a memory which can be recalled and displayed at any time; the current trip peak rpm can also be recalled.

Once installed whenever the ignition is switched on, the Gizzmo Tach Recall Shiftlight will display peak saved rpm, second stage shiftlight setting and then first stage shiftlight setting, by indicating the rpm position on the tacho and flashing the corresponding LED's. This sequence will occur whenever the ignition is turned on.

Launch Control Function

The Gizzmo Tach Recall Shiftlight can be further enhanced on most vehicles by the addition of the Gizzmo Launch Interface. The Gizzmo Launch Interface combined with the Gizzmo Tach Recall Shiftlight enables launch control.

Launch control gives the user the perfect launch every time and when installed on a turbo charged vehicle, will result in boost being generated in neutral, pre launch.

Contact your nearest Gizzmo dealer for further information or check the Gizzmo Electronics website for application listings.
www.gizmoelectronics.com

IMPORTANT APPLICATION NOTE:

Some vehicles utilise an impulse type Tachometer. These vehicles may require a Gizzmo Spike Generator to enable the correct operation of this product.

Gizzmo TachRecall Shiftlight

Operating Instructions

Warnings:

- 1: Incorrect installation can damage this product
- 2: Gizzmo Electronics will not warranty any item that has been damaged due to incorrect installation or misuse of product.
- 3: Never disassemble, modify, or tamper with unit. Failure may cause injury fire and void warranty.

Setting shiftlight

1. Start engine
2. Press and hold both buttons down for 2 seconds, once the buttons are released the first stage shiftlight will illuminate.
3. Use the two buttons (up/down) to move the tacho needle to the desired rpm for the first stage.
4. Press and hold down both buttons for 2 seconds once more. On releasing the buttons the final stage shiftlight will illuminate.
5. Use the two buttons (up/down) to move the tacho needle to desired rpm for the final stage.
6. Once the final stage rpm is correct, press both the buttons once more, the tacho will return to the normal running mode. The shift points are now set.

Start up Sequence

When ignition is turned on the tacho will...

1. Display peak saved rpm then...
2. Display final stage shift point and flash final stage shiftlight then...
3. Display first stage shift point and flash first stage shiftlight then...
4. Return to running mode.

About the Peak Recall Functions

The Gizzmo Tach Recall Shiftlight allows the user to keep a peak stored rpm in memory that can be recalled at any time as well as giving the peak rpm reached on the current trip (current trip being since key ignition was last switched on).

Operating the Recall Functions.

Recalling the saved and current peak rpm's.

Recalling the peak rpm for the current trip.

With the vehicle running, press the front button once, the peak rpm from the current trip will then be displayed on tacho.

Recalling peak saved rpm.

With the vehicle running, press the front button twice, the peak saved rpm will then be displayed on tacho.

Erasing current trip peak rpm.

From running mode press the front button once to display the current trips peak rpm, to then erase the current peak setting press the back button once. The tacho will then return to the running mode.

Saving current trip peak rpm to memory

To save the current trips peak rpm to memory.

While in normal running mode press the front button twice, this will then recall the current saved rpm. Press the back button once, the current trip peak rpm will then be stored to the saved memory replacing the previously stored rpm.

Installation Instructions

Red	-	12v ECU Positive
Black	-	ECU Negative
Green	-	Tacho Signal in (from ECU)
Blue	-	Tacho Signal out (to tacho)
White	-	Com One (for Gizzmo Launch Interface)
Yellow	-	Com Two (Not used)

The signal to the tacho runs in series through the Gizzmo Tach Recall shiftlight.

The tacho signal enters the shiftlight via the green wire.

The signal then passes through the shiftlight and continues out through the blue wire to the tacho.

Power and earth are best taken from the engine ECU.

tacho signal is best taken from the rear of the dash cluster or engine ECU where applicable.

An auto electrician should carry out the installation of this product.

NOTE: The following ECU wiring information is to be used as a guideline only. On various makes and models ECU pin outs may differ from those illustrated. Please have the installation carried out by a professional auto electrician.

Troubleshooting Guide

- The shiftlight does not flash when ignition switched on.

Check to make sure power and earth are connected, to the correct wires and that the connections are sound.

- The tacho does not work, or does not move as per the operating instructions, but the shiftlight does flash the opening ceremony.

Check the connections between the tacho and the shift light are correct. The vehicle may be fitted with an impulse type tacho and may require a Gizzmo Spike Generator.

- The shiftlight flashes erratically and/or at the wrong time.

The unit is receiving excessive ignition noise. Try a different 12v ignition source and/or tacho input signal.

- The shiftlight does the opening ceremony but does not operate with engine RPM.

Check the Tachometer input signal with a scope. Try fitting the supplied resistor between the tach recalls 'Green' & 'Red' wires. If this does not work, try fitting the resistor between the 'Green' & 'Black' wires, if still the tachometer not work, Please contact your Gizzmo national distributor.

ECU Digram for HONDA

Model	Chassis	Engine	Year	Notes	Diagram
CIVIC	EP3	K20A	01.10~		GH5
	EK9	B16B TYPE R	98.9~00.9		GH1
			97.6~98.8		GH2
	EK4	B16A	98.9~00.9		GH1
			95.8~98.8		GH2
	EK3	D15B	98.9~00.9		GH1
			95.8~98.8	SOHC	GH2
				VTEC	GH9
	EK2	D13B	95.9~00.8		
	EK5	D16A			GH9
	EK8			97.8~00.8	
	ES1 ES2	D15B	03.9~		GH5
			00.9~03.8		GH10
	EU1 EU2	D15B	00.9~03.8		GH10
	EU3 EU4 ES3 ET2	D17A	03.9~	M/T	GH5
				A/T	
	ES3 EU3 EU4	D17A	00.9~03.9		GH10
	EG8 EG4	D15B	91.9~95.8		GH6
	EG6 EG9	B16A			
EM1 si		99.2~00.9			
EJ6	D16Z	92.2~95.8		GH1	
EJ7					
EJ8				GH2	
EJ1	B16A	93.2~00.8		GH6	
EF9		89.9~91.8		GH11	
EF3	ZC PGM-FI	87.9~91.8			

ECU Digram for HONDA

Model	Chassis	Engine	Year	Notes	Diagram
ACCORD/ TORNEO	CL9	K24A	02.10~		GH8
	CL7 CL8	H20A	02.10~		
	CL1 CL2	H22A	00.6~02.11		GH1
	CL3	F20B	00.6~02.9		
	CF3	F18B	97.9~00.6		GH1
	CF4 CF5	F20B			
	CD4 CD5	F22B	93.9~97.8		GH1
	CD6	H22A			
	CD3	F18B			
	CB3 CB4	F20A	89.9~93.8		GH6
	CD8	H22A	94.3~97.8	DOHC	
	CD7	F22B		SOHC	
	CB9	F22A	90.3~94.2		GH6
ACCORD WAGON	CM2 CM3	K24A	02.11~		GH8
	CH9	H23A	99.1~02.10		GH1
	CL2		00.6~02.10		
	CF6 CF7	F23A	97.10~02.10		GH1
	CF2	H22A	96.9~97.8	DOHC	GH6
	CE1	F22B	94.3~97.9	SOHC	
	CB9	F22A	91.3~94.2		
ASCOT	CE5	G25A	93.10~97.9		GH6
	CE4	G20A			
	CB3 CB4	F20A	89.9~93.9	DOHC	
ASCOT INNOVA	CC4 CC5	H23A	92.3~95.9		GH6
	CB3 CB5	F20A			

ECU Digram for HONDA

Model	Chassis	Engine	Year	Notes	Diagram
INTEGRA	DC5	K20A	01.7~		GH5
	DC2 DB8	B18C	95.9~01.6	M / T	GH2
		B18C	93.5~95.8		GH6
		B18C	93.5~01.6	A / T	GH4
	DA6 DA8	B16A	90.10~93.5		GH11
	DB6 DB9	ZC PGM-FI	93.5~95.8	SOHC	GH6
			95.9~	SOHC	GH9
	DC1	ZC PGM-FI	93.7~95.8	SOHC	GH4
			95.9~	SOHC	GH9
	DA5 DA7	ZC PGM-FI	89.4~93.4	SOHC	GH11
DB7	B18B	93.7~	DOHC	GH6	
DB1	B18B	91.10~93.4			
PRELUDE	BB8 BB6	H22A	96.12~98.9		GH2
	BB5 BB7	F22B			
	BB1 BB4	H22A	91.9~96.10		GH6
				TRC	GH4
	BA8 BA9	F22B	91.9~96.10	TRC	GH6
BA4 BA5	B20A	89.11~91.8		GH6	
S2000	AP1	F20C	99.4~		GH1
CR-X	EG2	B16A	92.3~97.12	VTEC	GH6
	EG1	D15B	92.3~95.12	VTEC	
	EF8	B16A	89.9~92.2	VTEC	GH11
	EF7	ZC PGM-FI	87.9~92.2		
Spike	GB1 GB2	L15A	02.9~		GH5

ECU Digram for HONDA

Model	Chassis	Engine	Year	Notes	Diagram
INSPIRE	UC1	J30A	03.6~		GH15
	UA5	G25A	95.2~98.9		GH1
	UA4	G20A			
	UA2	G25A	95.2~98.9		GH4
	UA1	G20A			
	CC2 CC3	G25A	92.1~95.1		GH4
		G20A			
CB5	G20A	89.10~93.9			
LEGEND	KA9	C35A	96.2~		GH16
	KA8	C32A	91.1~96.1		
	KA7		90.10~96.1		
ODYSSEY	RB1	K24A	03.10~	CVT	GH13
	RB1 RB2	K24A			GH12
	RA8 RA9	J30A	00.1~03.9		GH14
	RA6 RA7	F23A	99.12~03.9		GH1
	RA5	J30A	98.11~99.12		GH2
	RA3 RA4	F23A	97.8~99.11		GH1
	RA1 RA2	H22A	94.10~97.7		GH6
FIT	GD3 GD4	L15A	02.9~		GH10
	GD1 GD2	L13A	01.6~		
FIT ARIA	GD8 GD9	L15A	02.12~		GH10
	GD6 GD7	L13A			
NSX	NA2	C32B	97.2~		GH3
	NA1	C30A	90.9~97.1		

GH1

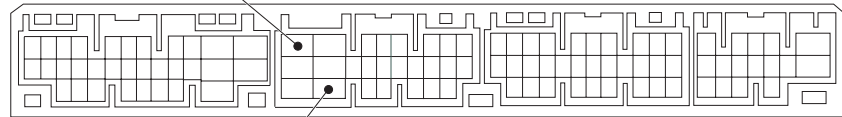
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25p

31p

16p

Power



Earth

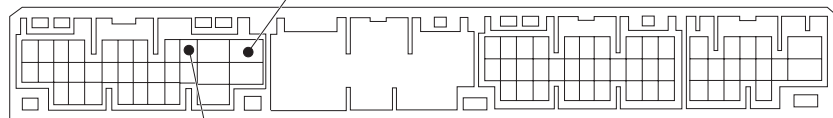
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Power



Earth

GH3

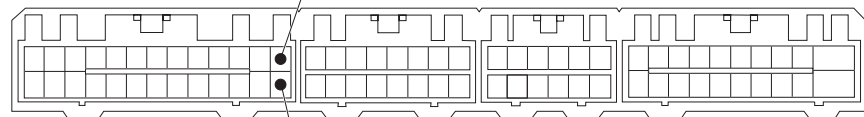
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Power



Earth

GH4

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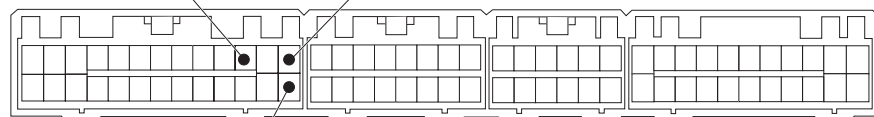
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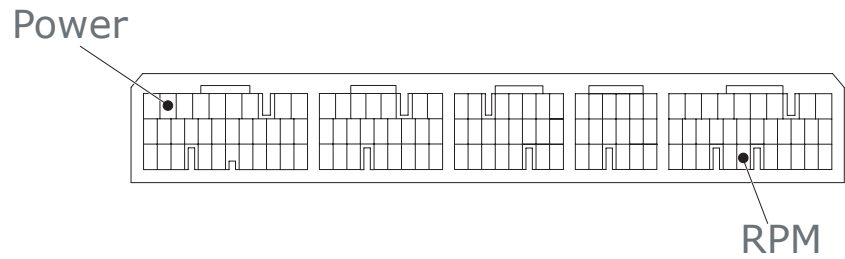
Power



Earth

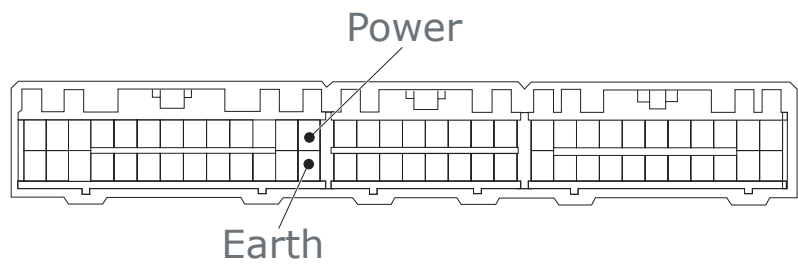
GH5

31p 24p 22p 17p 31p



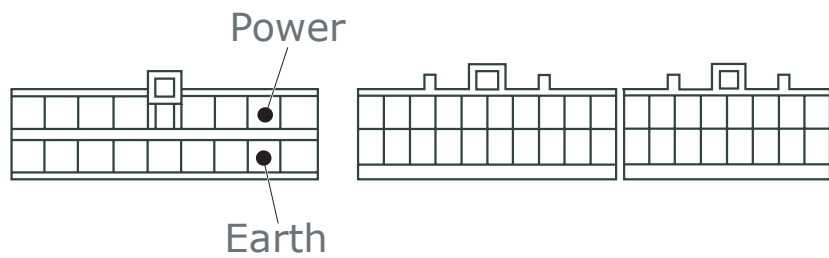
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26p 16p 22p



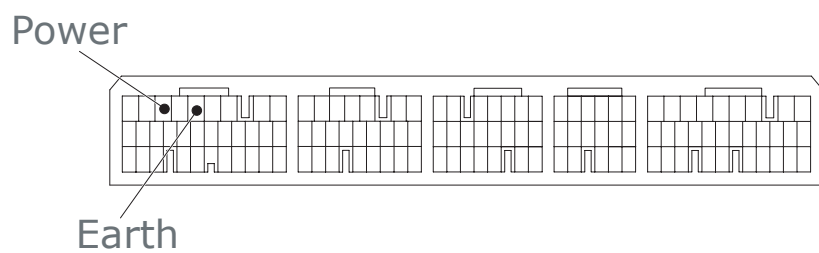
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18p 20p 16p



GH8

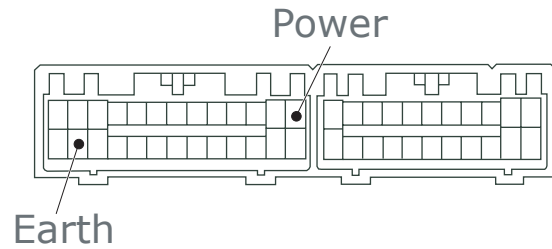
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GH9

26p

22p



GH10

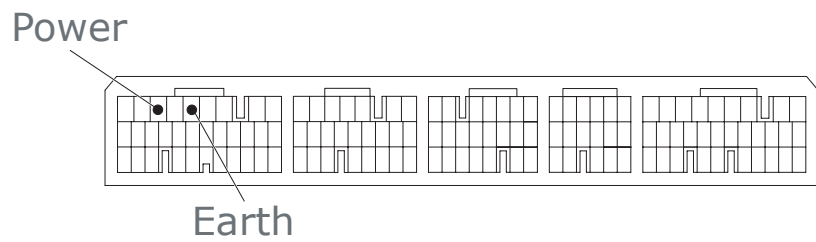
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22p

17p

31p

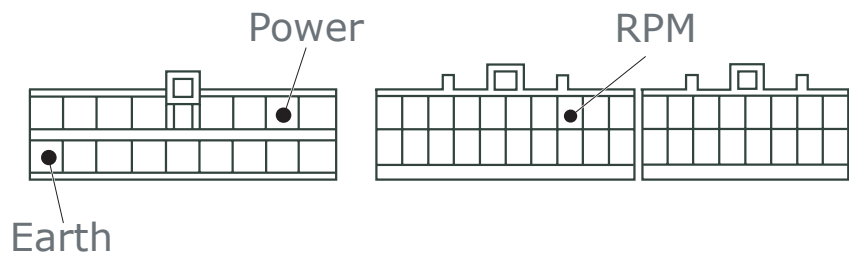


GH11

18p

20p

16p



GH12

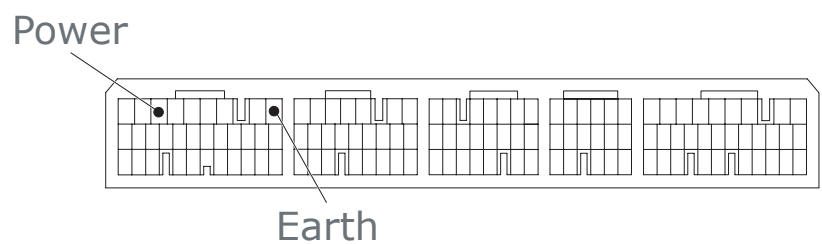
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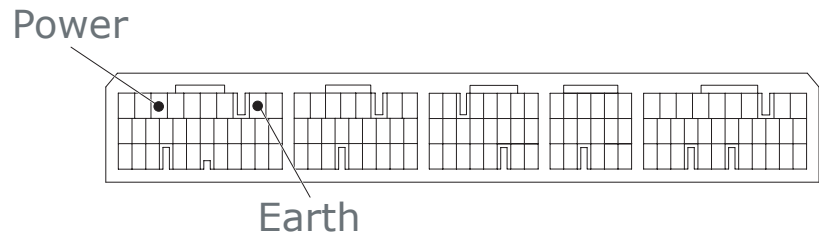
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31p



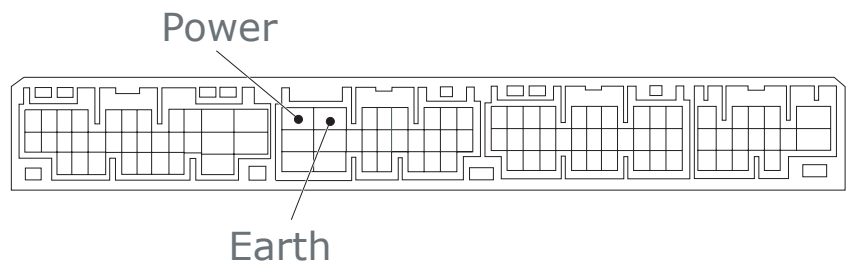
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31p 24p 22p 17p 31p



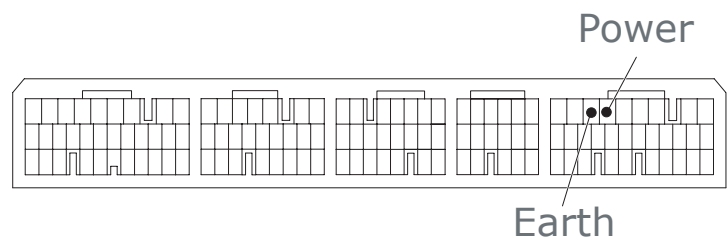
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32p 25p 31p 16p



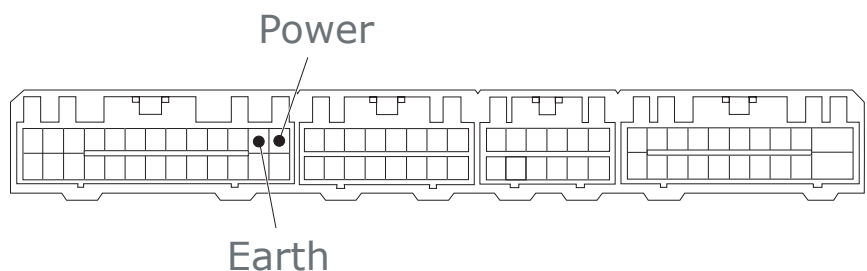
GH15

31p 24p 22p 17p 31p



GH16

26p 16p 12p 22p



ECU Diagram for MAZDA

Model	Chassis	Engine	Year	Notes	Diagram
ROADSTER MX5	NB8C	BP-ZE	97.12~00.6		GZ3
	NB6C	B6-ZE	97.12~00.6		GZ3
	NA8C	BP-ZE	95.8~97.11		GZ2
		BP-ZE	93.8~95.7		GZ1
	NA6CE	H6-ZE	89.9~93.7		GZ1
FAMILIA	BG8Z	BP-ZET	89.8~94.3		GZ1

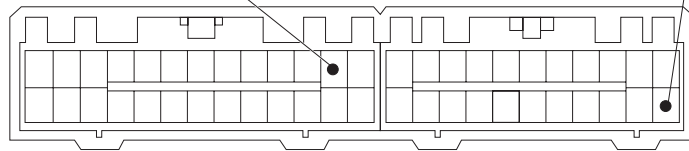
GZ1

26p

22p

Earth

Power



GZ2

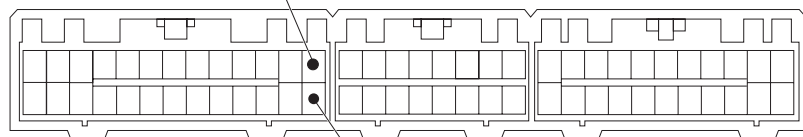
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16p

22p

Earth

Power



GZ3

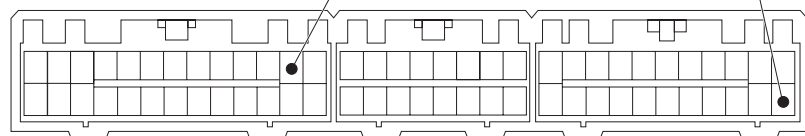
26p

16p

22p

Earth

Power



ECU Digram for MITSUBISHI

Model	Chassis	Engine	Year	Notes	Diagram
LANCER	CT9A	4G63	03.1~		GM6
	CT9A	4G63	02.1~	A / T	GM5
	CT9A	4G63	01.2~02.12		GM1
	CP9A	4G63	98.1~01.1		
	CN9A	4G63	96.8~97.12		
	CE9A	4G63	93.12~96.7		GM2
	CD9A	4G63	92.10~93.11		
	CK4A	4G92	95.10~00.10	MIVEC	GM1
	CJ4A				
	CM5A	4G93			
	CD5A		91.10~95.9	GM2	
	CA4A	4G92	92.10~95.9	MIVEC	GM2
	CB4A			MIVEC	
	CC4A			MIVEC	
	CB4A			DOHC	
	CB6A	6A10	91.10~95.9	DOHC	GM2
	CC4A CA4A	4G92		DOHC	
	C83A C73A	4G61	89.10~91.9	DOHC	GM4
	C63A C53A		88.1~91.9	DOHC	
	CA3A CB3A	4G91	91.10~95.9	DOHC	GM2
	CA2A CB2A	4G15		SOHC	
	C52A C62A			87.10~91.9	SOHC
	CJ1A CK1A	4G13	95.10~	SOHC	GM1
	CK2A	4G15		A / T	
	CA1A	4G13	94.1~95.9	SOHC	GM2

ECU Digram for MITSUBISHI

Model	Chassis	Engine	Year	Notes	Diagram
CHARIOT GRANDIS	N86W N96W	4G72	99.10~		GM5
	N84W N94W	4G64	99.2~		
			97.10~99.1		GM1
CHARIOT	N43W N44W	4G64	92.7~97.10	SOHC	GM2
	N33W N34W	4G63	92.7~97.1	SOHC	
			91.5~92.6	SOHC	GM3
RVR	N74WG	4G64	97.10~02.8		GM1
	N73WG	4G63		M / T	
				A / T	GM5
	N64WG	4G64	99.10~02.8		GM1
	N71W N61W	4G93	97.10~02.8	GDI	GM1
	N23W N13W	4G63	91.2~92.9		GM3
			92.10~97.10	DOHC	GM2
	N23WG	4G63	92.10~97.10	DOHC	
N11W N21W	4G93	91.6~97.10	SOHC		
LANCER CEDIA	CS5A	4G93	00.5~		GM5
	CS5W		00.11~	WAGON	
ASPIRE	EA7A EC7A	4G94	00.5~		GM5
	EC1A EC1A	4G93	98.4~00.5		GM1
DIAMANTE	F36A	6G72	95.1~97.7	MIVEC	GM1
	F36A F46A			DOHC	GM5
	F17A F27A	6G72	90.5~94.12		GM2
	F31A F41A	6G73	95.1~97.7	DOHC	GM5
				SOHC	GM1
	F13A F15A F25A	6G73	90.5~94.12		GM2

ECU Digram for MITSUBISHI

Model	Chassis	Engine	Year	Notes	Diagram
LANCER	CJ2A CL2A	4G15	95.10~	A / T	GM5
				M / T	GM1
	CM2A CK2A	4G15	95.10~	A / T	GM5
				M / T	GM1
GTO	Z16A Z16A	6G72	90.10~99.8		GM2
FTO	DE3A	6A12	97.2~00.7	A / T	GM5
			94.10~00.7		GM1
			94.10~97.1	DOHC	GM2
	DE2A	4G93	94.10~97.2		GM1
GALANT/ LEGNUM	EC5A EC5W	6A13	96.8~		GM1
	EA5W EC5W	6A13	96.8~98.7	A / T	
				M / T	GM5
	EA5A EC5A	6A13	96.8~98.7	A / T	GM1
M / T				GM5	
GALANT	E54A	6A12	93.10~96.7	MIVEC	GM1
	E74A	6A12	93.5~96.7	DOHC	GM2
	E84A	6A12	92.5~95.11	DOHC	
	E54A E64A	6A12	92.5~95.11	DOHC	GM2
				92.5~96.7	
	E39A	4G63	90.8~92.4	DOHC	GM4
	E38A E33A			87.10~92.4	
	E53A	6A11	87.10~91.9	SOHC	GM2
	E52A	4G93	94.10~96.7	DOHC	
			93.10~96.7	SOHC	
E35A	4G67	89.4~92.4	DOHC	GM4	
E32A	4G37	87.10~92.4	SOHC	GM3	

ECU Digram for MITSUBISHI

Model	Chassis	Engine	Year	Notes	Diagram
ECLIPSE	D32A D33A	4G63	95.9~99.8		GM1
	D39A	4G64			
	D22A	4G63	89.7~91.10		GM2
	D27A		91.10~95.9		
	D53	6G72	01.2~05.9	M / T	GM7
A / T				GM8	
MIRAGE	CM5A	4G93	95.10~00.5		GM1
	CJ4A	4G92			
	CA4A		91.10~95.9	MIVEC	GM2
MIRAGE DINGO	CQ5A	4G93	00.2~02.8		GM5
	CQ2A	4G15	00.1~02.8		
			98.12~99.12		GM1
	CQ1A	4G13	00.1~		GM5
LIBERO	CD5W	4G93	92.5~00.5		GM2
	CB5W CD5W	4G93	92.5~00.5	SOHC	
	CB4W	4G92	96.10~00.5	SOHC	GM2
	CB2W	4G15	94.1~00.5	SOHC	
AIRTREK	CU2W	4G63	01.6~		GM5
	CU4W	4G64			GM9
LEGNUM	EA3W EC3W	4G64	98.8~		GM1
	EA3A EC3A				
	EA7W EC7W	4G94	00.5~		GM5
	EA4A EC4A	6A12	96.8~97.8	M / T	GM1
				A / T	GM5
	EA4W EC4W	6A12	96.8~97.8		GM1
EA1A EC1A	4G93	96.8~			

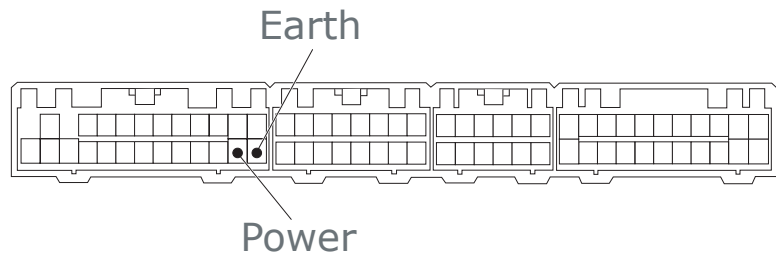
GM1

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16p

12p

22p

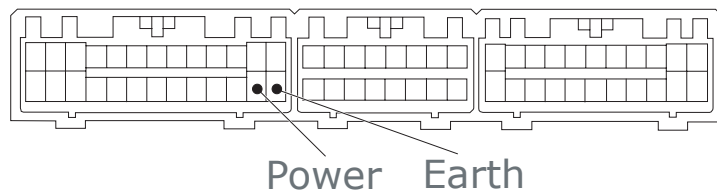


GM2

26p

16p

22p

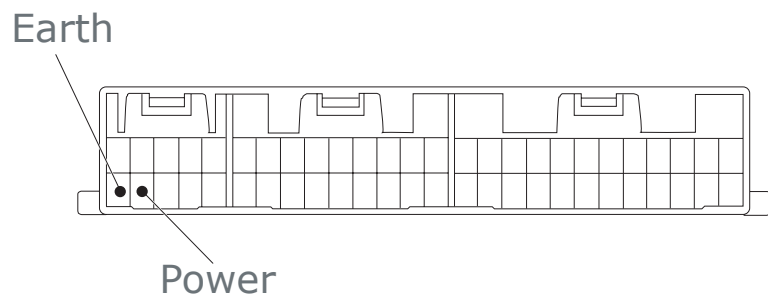


GM3

10p

18p

24p

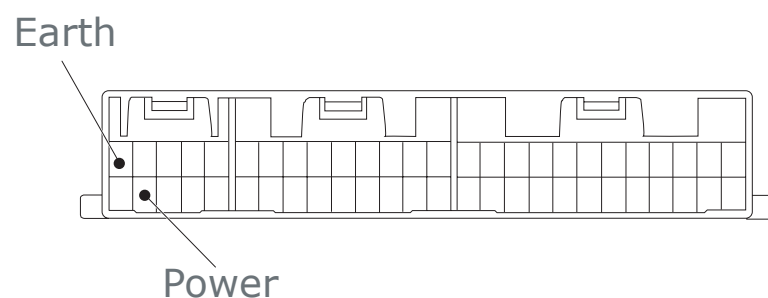


GM4

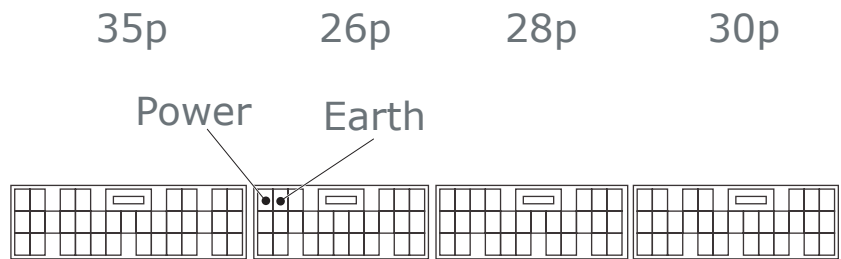
10p

18p

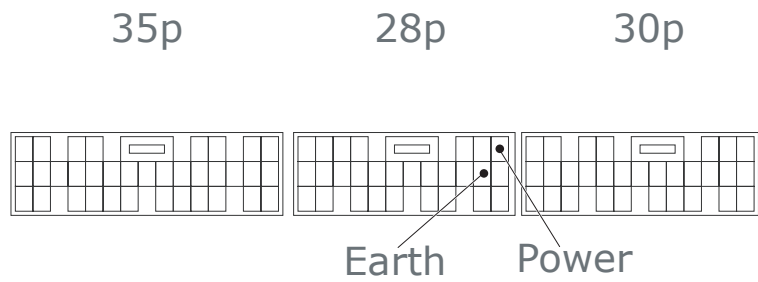
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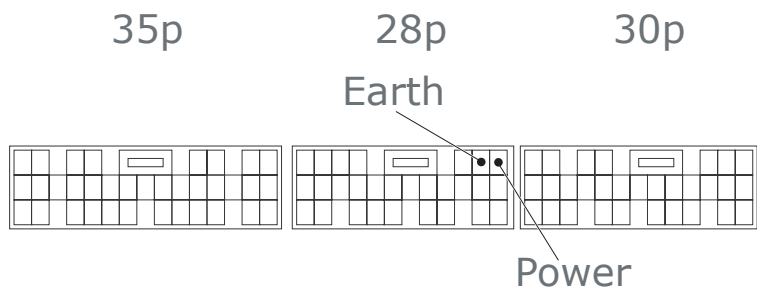
GM5



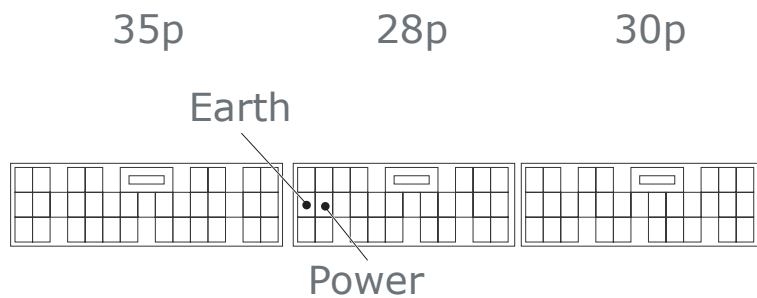
GM6



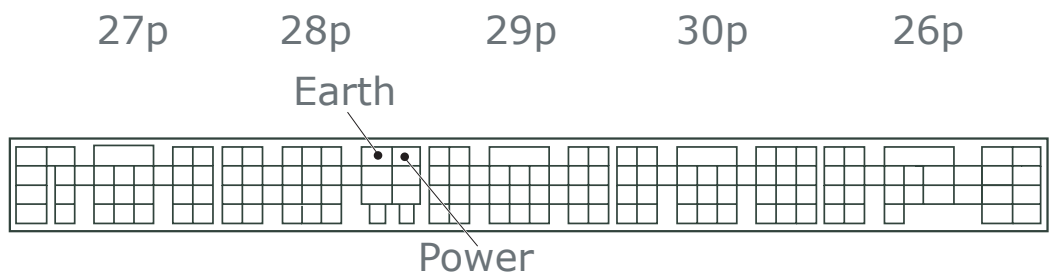
GM7



GM8



GM9



ECU Digram for NISSAN

Model	Chassis	Engine	Year	Notes	Diagram	
SKYKINE	HV35	VQ30DD	01.6~		GN14	
	BNR34	RB26DETT	99.1~02.8		GN1	
		BCNR33		RB26DETT		95.1~98.12
		BNR32		RB26DETT		89.8~94.12
	V35	VQ25DD	01.6~		GN14	
	R34	RB25DET	98.5~01.5		GN8	
		RB25DE			GN3	
		RB20DE			GN8	
	R33	RB25DET	93.8~98.4		GN1	
		RB25DE			GN4	
		RB20E				
	R32	RB25DE	89.5~93.7		GN1	
		RB20DET				
		RB20DE				
		RB20E			GN4	
		CA18I				
R31	RB20DET	85.8~89.5		GN5		
	RB20ET					
	RB20DE					
	RB20E					
300ZX/ FAIRLADY	Z32	VG30DETT	89.7~02.6		GN1	
		VG30DE				
	Z31	VG30DE	86.10~89.9		GN5	
		VG30ET	83.10~86.9		GN11	
		RB20DET	85.10~89.6		GN5	
	VG20ET	83.10~86.9		GN11		

ECU Diagram for NISSAN

Model	Chassis	Engine	Year	Notes	Diagram
180SX	PRS13	SR20DET	96.8~		GN2
		SR20DE			
		SR20DET	91.1~96.7		GN2
	RS13	CA18DET	89.3~90.12		GN1
SILVIA	S15	SR20DET	99.1~02.7		GN2
		SR20DE			
	S14	SR20DET	96.6~98.12		GN2
			93.10~96.5		GN1
		SR20DE	93.10~98.12		GN2
	PS13	SR20DET	91.1~93.9		GN2
		SR20DE			
	S13	CA18DET	88.5~90.12		GN1
CA18DE					
STAGEA	NM35	VQ30DD	01.10~		GN14
		VQ25DET			GN15
		VQ25DD			GN14
	WGNC34	RB26DETT	97.10~		GN1
	WC34	RB25DET	96.9~01.9		GN8
		RB25DE			GN8
RB20E					
350Z	Z33	VQ35DE	02.7~		GN10
PULSER	N15	SR18DE	95.1~00.8		GN2
		SR16VE	97.9~00.8		GN1
		SR16VE		N1	
		GA16DE	95.1~		GN2
		GA15DE			

ECU Diagram for NISSAN

Model	Chassis	Engine	Year	Notes	Diagram
PULSER	N14	SR20DET	90.8~94.12		GN2
		SR18DE			
		GA16DE			
LAUREL	C35	RB25DET	97.6~		GN8
		RB25DE			
		RB20DE			
	C34	RB25DET	94.9~97.5		GN1
		RB25DE	93.1~97.5		
		RB20E	93.1~97.5		GN4
		RB20DE	91.1~94.8		GN1
		RB25DE	91.10~92.12		GN1
	C33	RB20DET	88.12~92.12		GN1
		RB20DE			
		CA18I			GN4
CEFIRO	A33	VQ20DE	98.12~		GN12
	A32	VQ30DE	97.11~98.11		GN8
			94.8~96.12		GN1
		VQ25DE	97.11~98.11		GN8
			94.8~96.12		GN1
		VQ20DE	97.1~98.11	A / T	GN8
			94.8~98.11		GN1
	A31	RB25DE	92.5~94.7		GN1
		RB20DET	88.9~94.7		GN1
		RB20DE			
RB20E				GN4	

ECU Digram for NISSAN

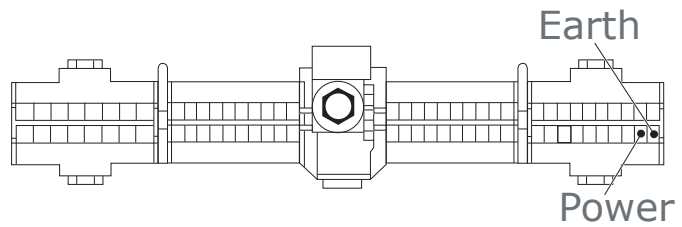
Model	Chassis	Engine	Year	Notes	Diagram
CEDRIC GLORIA	Y34	VQ30DET	01.12~		GN15
			99.6~01.11		GN12
		VQ30DD	01.12~		GN14
		RB25DET			GN8
		VQ25DD			GN14
	Y33	VQ30DET	95.6~99.5		GN3
		VQ30DE			
		VG30E			GN1
		VQ25DE	97.6~99.5		GN3
		RB25DET			GN7
		VG20E			GN1
	Y32	VG30DET			GN1
		VG30DE	91.6~95.5		
		VG30E			GN1
		VG20E			
	Y31	VG30ET		89.6~91.5	
		VG30E			
		VG30ET	87.6~89.5		GN4
		VG30E			
		VG20DET	89.6~91.5		GN1
VG20E					
VG20DET		87.6~89.5		GN4	
VG20E					
RD28		87.6~91.5		GN11	

ECU Digram for NISSAN

Model	Chassis	Engine	Year	Notes	Diagram
CIMA	HF50	VQ30DET	01.2~		GN12
	FGY33	VH41DE	90.8~94.12		GN9
					GN8
	FGY32	VH41DE	91.8~96.5		GN1
	FHY33	VQ30DET	96.6~00.12		GN3
	FPY32	VG30DET	93.9~96.5		GN1
	FPY31	VG30DET	89.8~93.8		GN1
		VG30DE			
		VG30DET	88.1~89.7		GN4
VG30DE					
PRIMERA	P12	QR25DD	01.1~		GN6
		QR20DE			
	P11	SR20VE	97.9~00.12		GN2
		SR20DE	95.9~00.12		
		SR18DE			
	P10	SR20DE	90.2~95.8		GN2
SR18DI					
BLUEBIRD	U13	KA24DE	93.8~95.12		GN2
	U14	SR20VE	97.9~00.7		
	U14 U13	SR20DE	91.9~00.7		GN2
		SR18DE			
	U13 U12	SR20DET	89.10~95.12		GN2
	U13	CD20	91.9~95.12		
	U12	SR18DI	89.10~91.8		GN2
		CA18DET	87.9~89.9		GN1
CA18I		GN4			

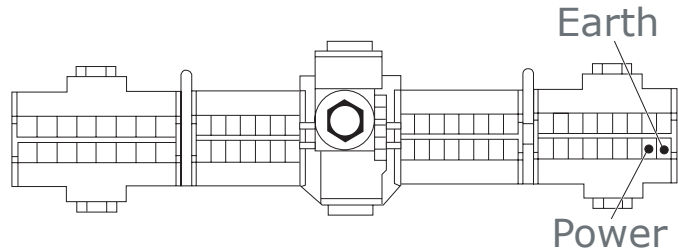
GN1

16p 20p 20p 20p



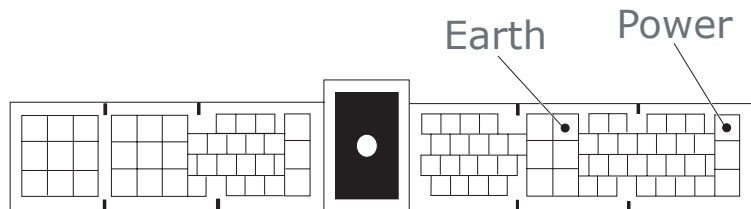
GN2

16p 14p 16p 18p



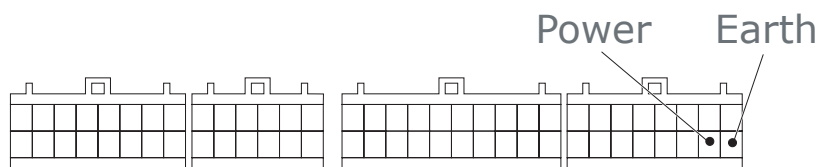
GN3

9p 9p 19p 18p 33p



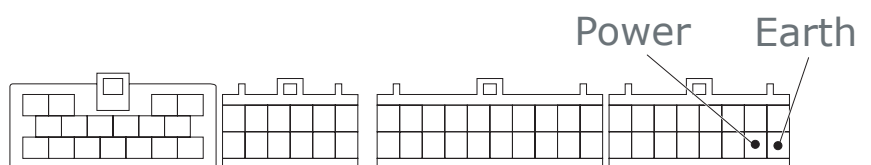
GN4

16p 12p 20p 16p



GN5

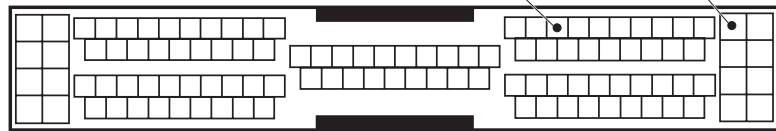
15p 12p 20p 16p



GN6

8p 38p 19p 38p 8p

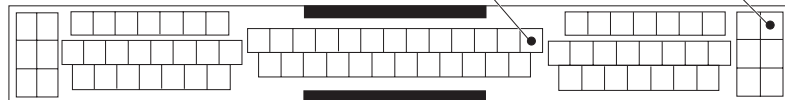
Earth Power



GN7

6p 22p 25p 22p 6p

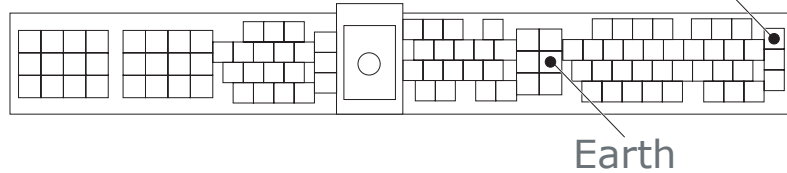
Earth Power



GN8

12p 12p 19p 24p 37p

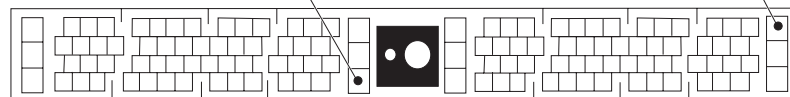
Power



GN9

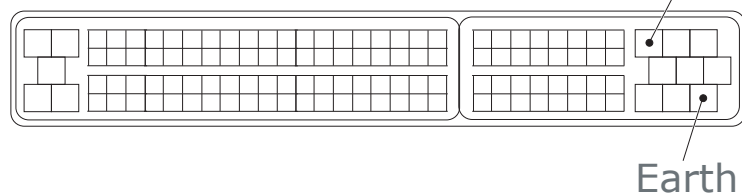
Earth

Power



GN10

Power

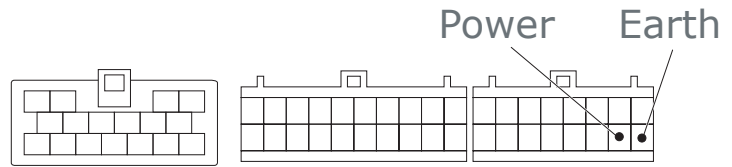


GN11

15p

20p

16p



GN12

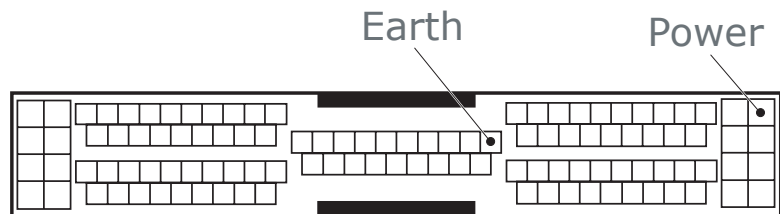
8p

38p

19p

38p

8p



GN13

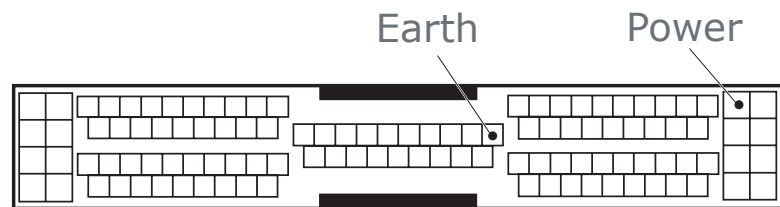
8p

38p

19p

38p

8p



GN14

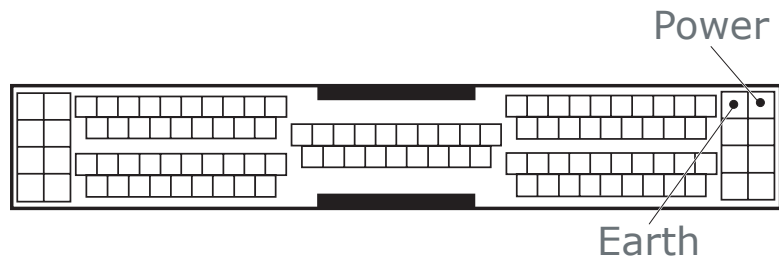
8p

38p

19p

38p

8p



GN15

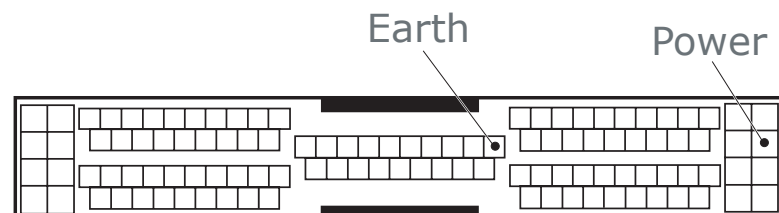
8p

38p

19p

38p

8p



ECU Diagram for SUBARU

Model	Chassis	Engine	Year	Notes	Diagram
LEGACY	BH5	EJ20	98.6~		GS3
	BE5		98.6~		GS3
	BD5/BG5	EJ20	96.6~98.5	M / T	GS3
			93.10~96.5		GS1
	BC5	EJ20	89.2~93.9		GS1
	BF5		89.2~93.9		GS1
IMPREZA	GDFC	EJ25	03.1~		GS5
	GDB	EJ207	00.7~04.5		GS4
	GDA	EJ205	00.8~04.5		GS4
	GC8/GF8	EJ20	98.9~00.8		GS3
			96.9~98.8		GS2
			92.11~96.8		GS1
FORESTER	SF5	EJ20	98.9~		GS2

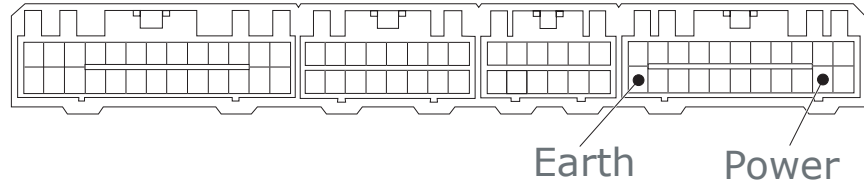
GS1

26p

16p

12p

22p

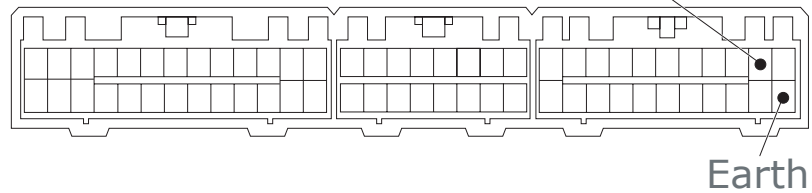


GS2

26p

16p

22p

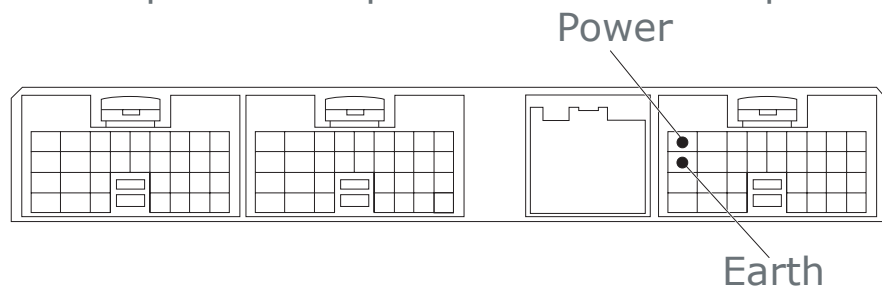


GS3

32p

32p

32p



GS4

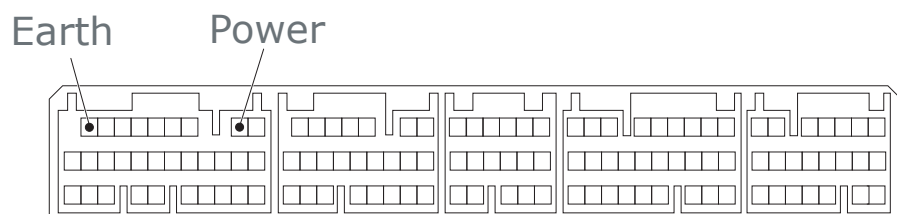
31p

24p

17p

28p

22p



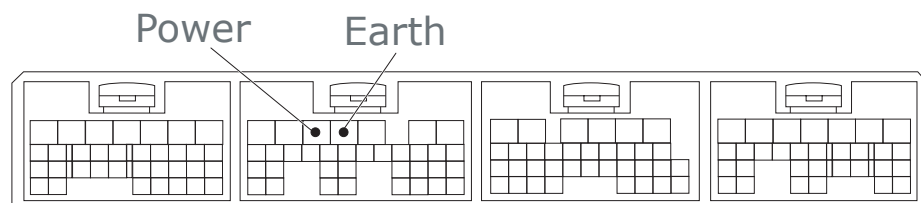
GS5

34p

35p

35p

31p



ECU Digram for TOYOTA

Model	Chassis	Engine	Year	Notes	Diagram
ARISTO	JZS161	2JZ-GTE	97.8~		GT19
	JZS147		90.9~97.7		GT12
SOARER	JZZ30	1JZ-GTE	91.5~96.7		GT10
	GZ20	1G-GTE	88.1~91.4		GT1
SUPRA	JZA80	2JZ-GTE	93.5~97.7		GT12
	JZA70	1JZ-GTE	90.8~93.4		GT7
MARK2	JZX110	1JZ-GTE	00.9~		GT19
	JZX100		96.9~00.8		GT13
	JZX90		94.9~96.8		GT14
			92.10~94.8		GT10
	JZX81		90.8~92.9		GT7
MR-2	SW20	3S-GTE	93.10~99.7		GT1
			89.10~93.9		
		3S-GE	93.10~97.12		GT8
			89.10~93.9		GT1
	AW11	4A-GZE	86.8~89.9		GT3
		4A-GE	84.6~89.9		GT2
MR-S	ZZW30	1ZZ-FE	99.10~		GT17
CELICA	ZZT231	2ZZ-FE	99.9~		GT17
	ZZT230	1ZZ-FE			
	ST205	3S-GTE	94.2~99.7		GT1
	ST202	3S-GE	93.10~97.11		GT8
	ST203	3S-GE			
ALTEZZA	SXE10	3S-GE	98.10~		GT11
	GXE10	1G-FE			GT20

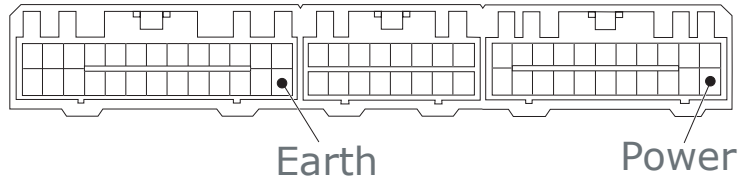
Model	Chassis	Engine	Year	Notes	Diagram
LEVIN	AE111	4A-GE	95.5~00.7		GT1
	AE101	4A-GE	91.6~95.4	M / T	GT5
				A / T	GT1
	AE92	4A-GE	93.5~95.8	M / T	GT5
				A / T	GT2
AE86	4A-GE	83.5~87.4		GT2	
STARLET	EP91	4E-FTE	95.12~97.12		GT6
	EP82	4E-FTE	89.12~95.11	M / T	GT4
			92.1~95.11	A / T	GT5
			89.12~91.12	A / T	GT4
ESTIMA	MCR30	1MZ-FE	00.1~		GH15
	MCR40				
	ACR30	2AZ-FE	00.3~		GT18
	ACR40				
ALPHARD	MNH10	1MZ-FE	01.11~		GT15
	MNH15				
	ANH10	2AZ-FE	02.5~		GT18
	ANH15				
CALDINA	ST246W	3S-GTE	02.9~		GT16
	ST215W		97.9~02.7		GT17
VITZ	NCP13	1NZ-FE	00.10~05.1		GH9
	NCP10	2NZ-FE	99.8~05.1		
	NCP15				
	SCP10	1SZ-FE	99.1~05.1		
bB	NCP31/35	1NZ-FE	00.2~		GH9
	NCP30	2NZ-FE			
ist	NCP61/65	1NZ-FE	02.5~		GH16
	NCP60	2NZ-FE			

GT1

26p

16p

22p

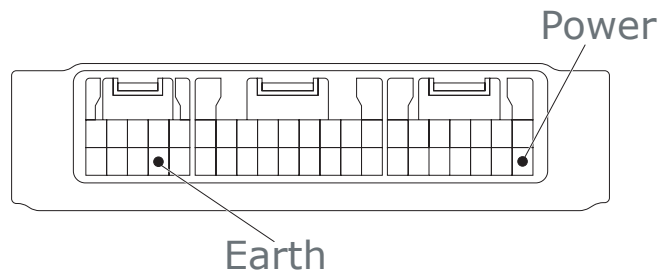


GT2

10p

18p

14p

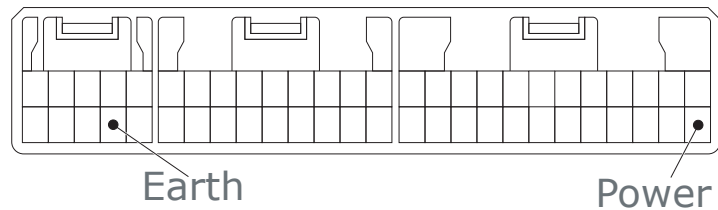


GT3

10p

18p

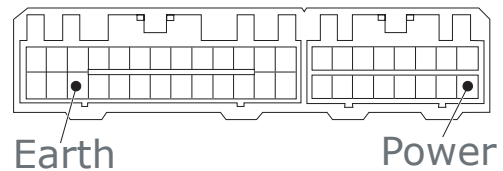
24p



GT4

26p

16p

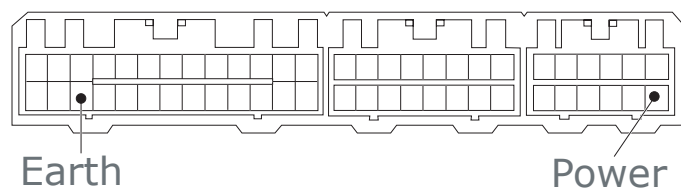


GT5

26p

16p

12p

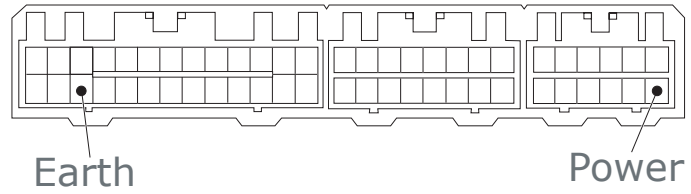


GT6

26p

16p

12p



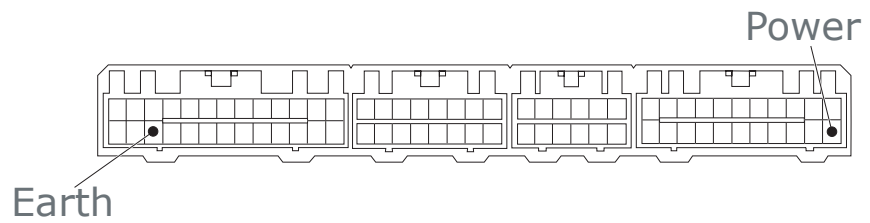
GT7

26p

16p

12p

22p



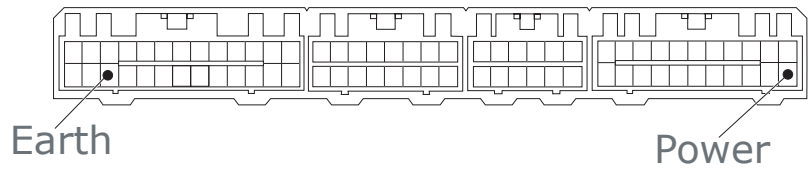
GT8

26p

16p

12p

22p



GT9

26p

16p

12p

22p



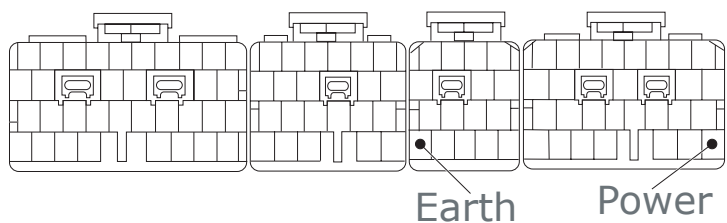
GT10

34p

22p

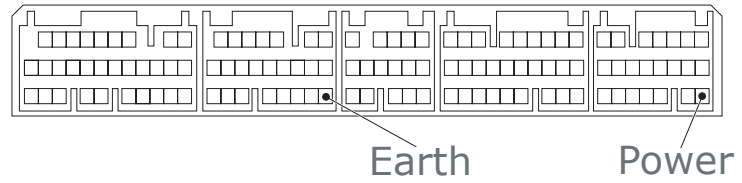
16p

28p



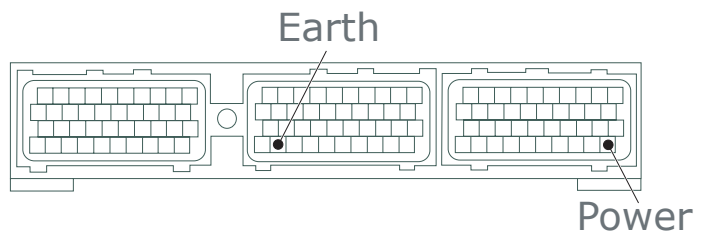
GT11

31p 24p 28p 22p



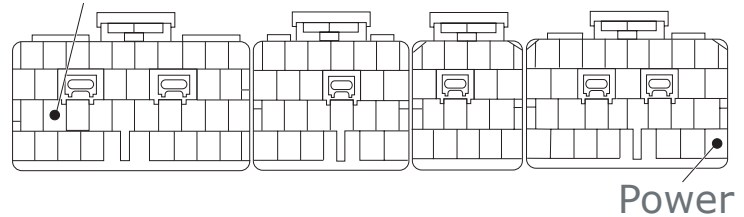
GT12

40p 40p 40p



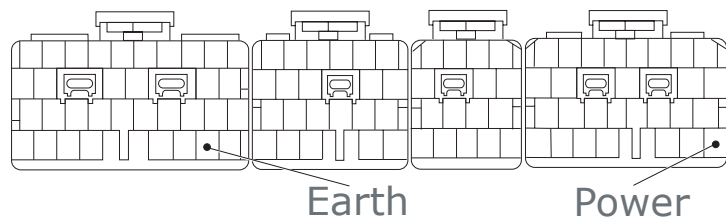
GT13

34p 22p 16p 28p



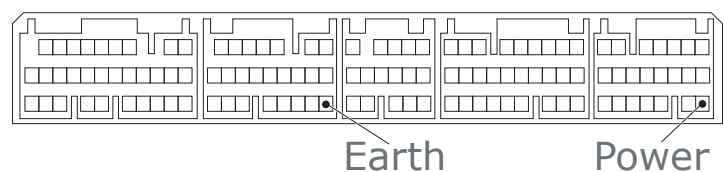
GT14

34p 22p 16p 28p



GT15

31p 24p 17p 28p 22p



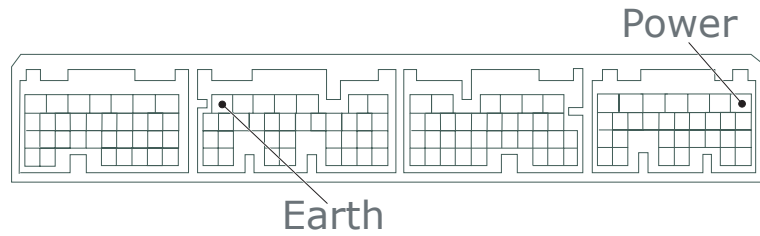
GT16

34p

35p

35p

31p



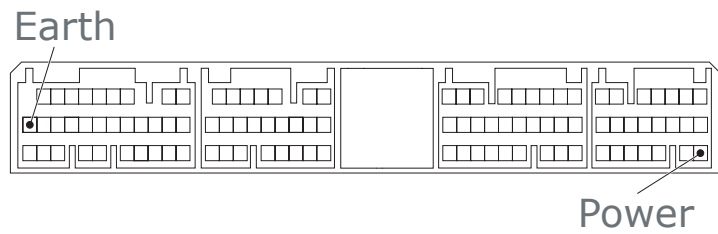
GT17

31p

24p

28p

22p



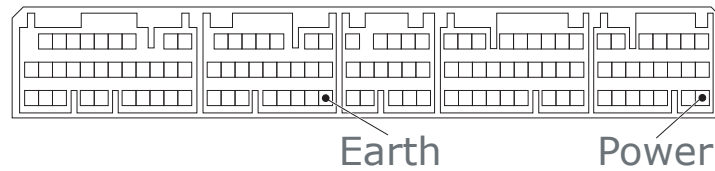
GT18

31p

24p

28p

22p



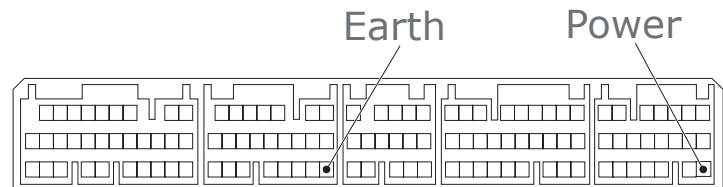
GT19

31p

24p

28p

22p



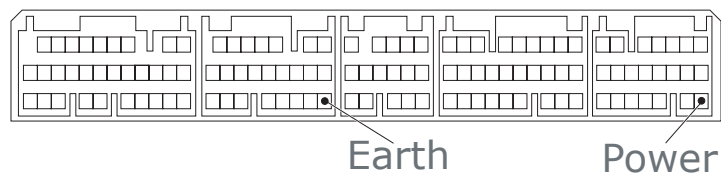
GT20

31p

24p

28p

22p



About The Warranty

Gizzmo Electronics Limited
Limited Warranties Statement
Effective 1 January 2003

All Products manufactured or distributed by Gizzmo Electronics are subject to the following Limited Express Warranties, and no others:

For a period of one year from and after the date of purchase of a new Gizzmo Electronics product, Gizzmo Electronics warranties and guarantees only to the original purchase/user that such a product will be free from defects of material and workmanship in the manufacturing process. Gizzmo Electronics, at its sole option, shall replace the defective product. This express warranty shall be inapplicable to any product not properly installed and properly used by the purchaser/user or to any product damaged or impaired by external forces. This is the extent of Warranties available on this product. Gizzmo Electronics shall have no liability whatsoever for consequential damages following from the use of any defective product or by reason of the failure of any product. Gizzmo Electronics specifically disclaims and disavows all other warranties, express or implied including, without limitation, all Warranties of fitness for a particular purpose, Warranties of Description, Warranties of Merchantability, Trade Usage or Warranties of Trade Usage. The above warranty is valid to New Zealand only as Gizzmo Electronics does not offer an international warranty.