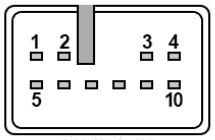
Pinoutguide.com

Toyota Fortuner (2015-2019) Radio Wiring pins and signals

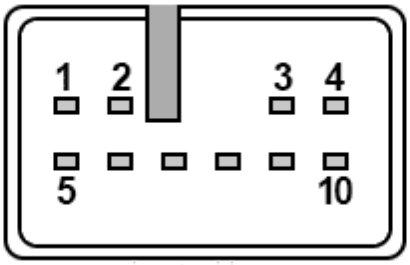
car audio wiring diagram pin assignment

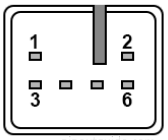
The pinout should fit 1 devices/models. Click to list>



10 pin Toyota 90980-10997, 90980-11781, 90980-11800, 90980-12540, 90980-12691 Radio plug connector

at the wiring harness (connector end view)





6 pin Toyota 90980-10996, 90980-11728, 90980-11780, 90980-12539, 90980-12690 Radio plug connector

at the wiring harness (connector end view)

Pin Num	Wire Color	Signal	Opt
1	LG	FR(+)	
2	P	FL(+)	
3	GR	ACC	
4	SB	Batt+	
5	L	FR(-)	
6	V	FL(-)	
7	BR	GND	
8	LG	TMUT	Radio & Display Receiver Type; Radio Receiver Type

Pinout status: +0 -0

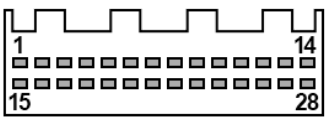
There are no any reports for this pinout! You may rate this document by clicking the button below.

Is this pinout
correct incorrect

1 Compatible Model(s)

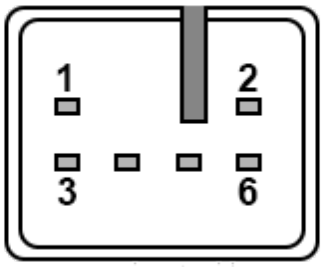
NO DIY devices

Additional connector №3

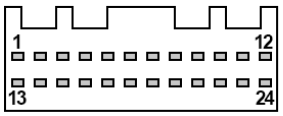


28 pin Toyota 90980-12555 Radio plug connector

at the wiring harness
(connector end view)



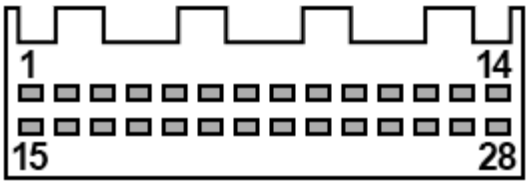
Additional connector №4



24 pin Toyota 90980-12554 Radio plug connector

at the wiring harness
(connector end view)

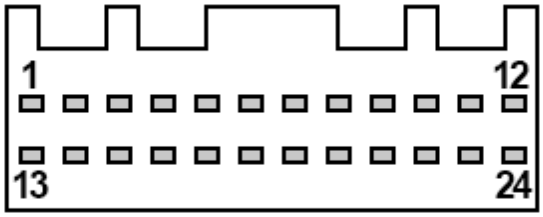
Pin Num	Wire Color	Signal	Opt
1	R	RR(+)	
2	B	RL(+)	
3	W	RR(-)	
6	Y	RL(-)	



Pin Num	Wire Color	Signal	Opt
1	G	IG	
2	R	REV	Navigation Receiver Type; Radio & Display Receiver Type
4	B	MAcc	w/ Telematics System, w/o Telematics System

5	G or W	MIn+	w/ Telematics System or w/o Telematics System
6	W-B	SNS2	
9	V	CAN-High	Navigation Receiver Type; Radio & Display Receiver Type
10	W	CAN-Low	Navigation Receiver Type; Radio & Display Receiver Type
11	shield	AGND (VAR,VA shield)	
12	shield	SG (VV shield)	
13	B	VV+	w/ Stereo Jack Adapter Assembly
14	W	VV-	w/ Stereo Jack Adapter Assembly
15	V or G	PKB	Navigation Receiver Type; Radio & Display Receiver Type
17	V	SPD	
18	shield	SGND (mic shield)	w/ Telematics System, w/o Telematics System
19	R	MIn-	w/ Telematics System, w/o Telematics System
21	Y	SW1	
22	G	SW2	
23	V	SWG	
25	G	ADPG	w/ Telematics System, w/o Telematics System

26	B	VAR+	
27	W	VA-	
28	R	VAL+	



Pin Num	Wire Color	Signal	Opt
3	B	CNH1	w/ TFT Display
4	W	CNL1	
11	B	CA+	w/ Rear View Monitor System
12	R	V+	
23	shield	CGND (camera shield)	w/ Rear View Monitor System
24	W	V-	

Omitted pins are Not Connected.

Toyota Signals

Signal	Details
FR(+), FR(-)	Sound signal output (Front Right)
FL(+), FL(-)	Sound signal output (Front Left)
RR(+), RR(-)	Sound signal output (Rear Right)
RL(+), RL(-)	Sound signal output (Rear Left)
CNH, CNL	Local bus communication signal
REV	Reverse signal
PKB	Parking brake signal. This signal is grounded when parking break switch is closed. Floats otherwise
SPD	Vehicle speed signal. Generated from the Speedometer. Most likely this is the Vehicle speed sensor pulse line.
ACC	Power source (ACC). 11-14V when ignition switch ACC
B+, +B	Power source (Battery). 11-14V constant.
CA+	Rear camera power supply
V+, V-	Rear camera display signal (composite?)
MACC	Microphone power supply (4-6V)
MIN+, MIN-	Microphone voice signal input
SNS, SNS2	Microphone connection detection signal (always <1V)
TX1+, TX1-	AVC-LAN communication signal (usually amplifier communication)
SW1, SW2, SW3	Steering pad switch signal (SWG - signal ground)

ADPG	External device connection detection signal. <1V when connected, otherwise 2-3V
VAR(+), VAL(+)	Sound signal input (Right, Left). External device playing audio (When stereo jack used)
ARI, ALI	Stereo Jack sound signal input (Right, Left). External device playing audio (When stereo jack used)

Toyota Wiring Color Codes

B=Black	W=White	BR=Brown
L=Blue	V=Violet	SB=Sky Blue
R=Red	G=Green	LG=Light Green
P=Pink	Y=Yellow	GR=Gray
O=Orange	BE=Beige	DG=Dark Gray

Last updated 2022-05-20 15:04:42.