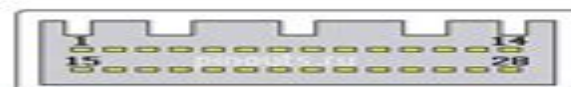




16 pin (10+6) Toyota Head Unit proprietary connector



28 pin Nissan Head Unit Aux connector

Toyota 86140-0K371 Serial; NFTMO19113SA PVH-4638ZT



Pin Number	Pin Name	Description	wire color
A1	FR+	Sound signal (Front right)	LG
A2	FL+	Sound signal (Front left)	P
A3	ACC1	Power source (ACC)	GR
A4	+B1	Power source (+B) Always 11 to 14 V	SB
A5	FR-	Sound signal (Front right)	L
A6	FL-	Sound signal (Front left)	V
A7	GND1	Body ground	BR
A10	ILL+	Illumination signal	G
B1	RR+	Sound signal (Rear Right)	R
B2	RL+	Sound signal (Rear left)	B
B3	RR-	Sound signal (Rear right)	W
B5	ILL-	Illumination signal	W
B6	RL-	Sound signal (Rear left)	Y



Pinout status: +1 / -0

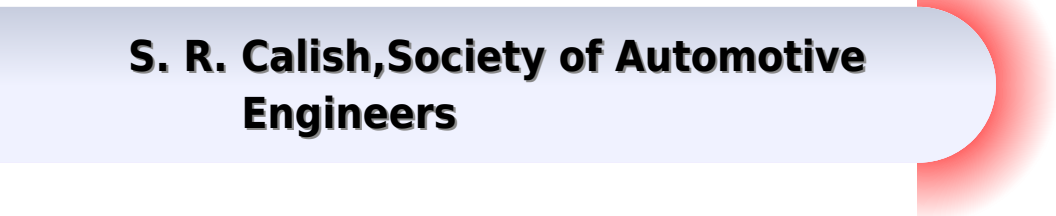
According to 2 reports in our database (1 positive and 0 negative) this pinout should be correct.

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**S. R. Calish, Society of Automotive
Engineers**



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CERN. ,2004 Electronics ,1986 **Wireless World and Radio Review** ,1951 **Index of Patents Issued from the United States Patent and Trademark Office** United States. Patent and Trademark Office,1984 **Index of Patents Issued from the United States Patent Office** ,1984 Electronic Design ,1982 *Government Reports Announcements & Index* ,1996 **Microcomputing** ,1984 **Bell Laboratories Talks and Papers** Bell Telephone Laboratories. Libraries and Information Systems Center,1978 **(Dodge) Domestic Automotive Transmission Troubleshooter and Reference** Mandy Concepcion,2011-10 Dodge Domestic Automotive Transmission Troubleshooter and Reference A reference and pictorial guide for automotive transmissions Including Chrysler Dodge Plymouth Vehicles By MANDY CONCEPCION The beginnings of this book came about after the development of the Transmission Troubleshooter software package which eventually became part of the TransDoctor PC based diagnostic equipment Both of these related products although meant for the professional side of the industry left behind a huge arsenal of data that matched perfectly with the needs of the average consumer DIY and mechanic aficionado We assumed that his information so far as the general public was concerned did not necessitated to be part of a broad software package and therefore could be offered at a lower cost to the people This book covers automotive Dodge transmission diagnostics and electronic repair for domestic vehicles The information was amassed during years of field work and research in the automotive industry For this reason the information is presented in a direct hands on approach and skips the basic operation of automotive transmissions If you re trying to discern the basics of automotive automatic transmissions then there are other works that could help you do that This book is meant to be used during real life repair situations and it exposes you to exactly what you need to know to solve or get an in depth knowledge of a specific problem Various concepts are covered such as Transmission DTCs or trouble codes Transmission ID shift solenoid locations component locations electrical and wiring diagrams and finally measurement values for voltage and resistance We hope you enjoy reading this work to gain knowledge and solve specific problem So without further ado enjoy Table of Contents Generic OBD 2 Transmission DTC code Listing Dodge Chrysler Plymouth Transmission Application A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Transmission Application Dodge Chrysler Plymouth Transmissions Component Operation A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Component Operation Dodge Chrysler Plymouth Transmission Oil Pan ID Identification A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Oil pan identification Dodge Chrysler Plymouth Shift Solenoids and Electrical Component Testing A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Shift Solenoids TCC Solenoid Pressure Control Solenoid EPC TPS TCM Test Pressure Switches Dodge Chrysler Plymouth Component Location Valve Body and Check Ball Positioning A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 component location diagram valve body photo check ball diagram Dodge Chrysler Plymouth Shifting Truth Tables A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Shifting truth table or shift

combination Dodge Chrysler Plymouth Wiring Diagrams A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 wiring diagram

Automotive Power Transmission Systems Yi Zhang, Chris Mi, 2018-10-08 Provides technical details and developments for all automotive power transmission systems The transmission system of an automotive vehicle is the key to the dynamic performance drivability and comfort and fuel economy Modern advanced transmission systems are the combination of mechanical electrical and electronic subsystems The development of transmission products requires the synergy of multi disciplinary expertise in mechanical engineering electrical engineering and electronic and software engineering Automotive Power Transmission Systems comprehensively covers various types of power transmission systems of ground vehicles including conventional automobiles driven by internal combustion engines and electric and hybrid vehicles The book covers the technical aspects of design analysis and control for manual transmissions automatic transmission CVTs dual clutch transmissions electric drives and hybrid power systems It not only presents the technical details of key transmission components but also covers the system integration for dynamic analysis and control Key features Covers conventional automobiles as well as electric and hybrid vehicles Covers aspects of design analysis and control Includes the most recent developments in the field of automotive power transmission systems The book is essential reading for researchers and practitioners in automotive mechanical and electrical engineering

Design Practices SAE Transmission Committee. Design Standards Subcommittee, 1962

Design Practices Society of Automotive Engineers, SAE Transmission Committee, Design Standards Subcommittee, 1962

Design Practices SAE Transmission Committee. Design Standards Subcommittee, 1973

Design Practices SAE Transmission/Axle/Driveline Forum Committee, 2012-05-22 Since the mid 20th Century automatic transmissions have benefited drivers by automatically changing gear ratios freeing the driver from having to shift gears manually The automatic transmission's primary job is to allow the engine to operate in its speed range while providing a wide range of output vehicle speeds automatically The transmission uses gears to make more effective use of the engine's torque and to keep the engine operating at an appropriate speed For nearly half a century Design Practices Passenger Car Automatic Transmissions has been the go to handbook of design considerations for automatic transmission industry engineers of all levels of experience This latest 4th edition represents a major overhaul from the prior edition and is arguably the most significant update in its long history In summary the authors have put together the most definitive handbook for automatic transmission design practices available today Virtually all existing chapters have been updated and improved with the latest state of the art information and many have been significantly expanded with more detail and design consideration updates most notably for torque converters and start devices gears splines chains bearings wet friction one way clutch pumps seals and gaskets and controls All new chapters have also been added including state of the art information on Lubrication Transmission fluids Filtration Contamination control Finally details about the latest transmission technologies including dual clutch and continuously variable transmissions have been added

The Practicality of a

Common Transmission and Axle Lubricant S. R. Calish, Society of Automotive Engineers, 1960 Design Practices - Passenger Car Automatic Transmissions Society of Automotive Engineers. SAE Transmission Committee. Design Standards Subcommittee, 1962 **Automatic Transmissions and Transaxles** Chris Johanson, James E. Duffy, 2019-07-19 Automatic Transmissions and Transaxles covers the design construction operation diagnosis service and repair of major automatic transmission and transaxle components Both hydraulic and electronic transmission controls are detailed with extensive coverage of electronic control systems The use of the latest diagnostic equipment to troubleshoot electronic transmission and transaxle control systems is emphasized This text is correlated to the Automatic Transmission and Transaxle section of the ASE Education Foundation Task List and is a valuable resource for those preparing for ASE Certification Test A2 Automatic Transmission Transaxle *Design Practices Passenger Car Automatic Transmission* Society of automotive engineers, 1973

Troubleshooting Electronically Controlled Automatic Transmission Charmaine Gavi, Happyson Gavi, 2017-03 Electronic Automatic Transmission EAT has drastically evolved over the past two decades due to increase in global technological advancement and the need to have highly efficient automobile with improved fuel economy Though modern EAT could be easily diagnosed for shifting problems with a mere scan tool and an oscilloscope they are not necessarily easy to fix Planetary gear controls electronics and hydraulics of transmission has significantly changed in the past years it was the Modulator Throttle valve Accumulator and Governors that were used to control this book will educate you new quick easy ways of troubleshooting charging system without use of expensive equipment This book addresses various input output sensors to the PCM ECM that controls the transmission system The book addresses the various solenoids associated with the transmission system such as the Shift Solenoids Torque Converter Clutch Solenoid TCC and many more The book will address the electronic electrical theory behind the transmission systems paying close attention to TCM architecture Diagnostic Trouble Codes DTCs common in most American cars will be addressed in this book More importantly this book will address Harsh Shifts problems due to faulty pressure solenoid Understanding this book will help anyone to understand the principle of operation behind every automatic transmission system and diagnostics procedures This book is a must for everyone to have it

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