GEAR RATIO CHART - FORD/GM/ALLISON/JATCO

TRANSMISSION	R	1	2	3	4	5	6	7	8	9	10
8L90	-3.820	4.560	2.970	2.080	1.690	1.270	1.000	0.850	0.650	χ	χ
10L80	-4.870	4,700	2.990	2.150	1.800	1.520	1280	1.000	0.850	0.690	0.640
10L90	-4.870	4,700	2.990	2.150	1.800	1.520	1280	1.000	0.850	0.690	0.640
10L1000	-4.545	4.538	2.868	2.061	1.715	1.482	1.258	1.000	0.851	0.688	0.632
10R60	4.885	4,714	2.997	2.149	1.769	1,521	1.275	1.000	0.853	0.689	0.636
10R80	-4.866	4.696	2.985	2.146	1.769	1.520	1.275	1.000	0.854	0.689	0.636
10R140	-4.695	4.615	2.919	2.132	1.773	1.519	1.277	1.000	0.851	0.687	0.632
JATCO 7 SPEED	-4,041	4.886	3,169	2.027	1,411	1.000	0.864	0.774	X	X	X
JATCO 9 SPEED	-4.799	5.425	3263	2.249	1,649	1.221	1.000	0.861	0.713	0.596	χ

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Manual Transmission Gear Ratio Calculator

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Manual Transmission Gear Ratio Calculator:

Jeep TJ 1997-2006 Michael Hanseen, 2018-08-15 p p1 margin 0 0px 0 0px 0 0px 0 0px font 12 0px Arial The Jeep CJ the icon that started it all is the most popular off road vehicle of all time The look style and functionality of the CJ made it instantly popular and recognizable the world over in no doubt partly due to its military presence in World War II The Jeep Wrangler platform had the difficult task of replacing the extremely popular CJ platform Outwardly similar in appearance the YI TI and IK that followed all had significant design improvements as can be expected when a platform has a life span of more than five decades The YJ was the first Chrysler release after it purchased AMC in the mid 1980s and it was aimed at taming the original CI for more comfort and arguably a larger audience The TI that followed next was an evolutionary update significant in that it featured a coil spring suspension and the celebrated return of round headlights for a more traditional look compared to the square lights of the YJ In Jeep TJ 1997 2006 How to Build Modify everything you need to know about how to modify your TJ for off road use is covered Beginning with why you should choose a TJ for modification Jeep expert Michael Hanssen takes you through all the different systems needing modification including engine modifications and swaps transmission swaps transfer case and driveshafts modifications axles and traction systems suspensions and lifts wheels tires brakes chassis protection electrical and winches Included in every chapter are step by step modification instructions to help walk you through the process If you want to build a TI for serious off road trail use or you just want a capable and great looking Jeep for around town this book has you covered Official Gazette of the United States Patent and Trademark **Office** ,1990 Manual of Drive Trains and Axles Thomas W. Birch, 1994 Product Engineering, 1956 Vols for 1955 includes an issue with title Product design handbook issue 1956 Product design digest issue 1957 Design digest issue Annual Handbook of Product Design ,1956 Field and Stream ,1988 Gear Design, Manufacturing, and **Inspection Manual**, 1990 Traditional approaches and recent technologies and concepts related to gear engineering are presented in 49 papers by contributors from such institutions as automobile heavy equipment aircraft and tool companies NASA and the US Army A sampling of topics stress strength relationships maximum Automotive Engineering ,1977 Proceedings of the ... International Conference on Technology in Collegiate Field & Stream ,1988 Mathematics ,1995 Standard Catalog of American Cars, 1976-1986 James M. Flammang, 1989 Includes directory of automobile museums Standard Catalog of 4 X 4's Robert C. Ackerson, 1993 This comprehensive guide covers American four wheel drive vehicles including trucks vans and sport utility vehicles Updated information includes AMC Chevrolet Dodge Ford Jeep International Scout GMC and other manufacturers All 4x4 enthusiasts will find everything they need to know about their favorite vehicle including identification and model numbers body types production totals and other specifications

Review of Modern Engineering Solutions for the Industry Zhen Yu Du, Bin Liu, 2012-10-26 Selected peer reviewed papers from the 2012 International Conference on Mechatronic Systems and Automation Systems MSAS 2012 July 21 2012

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Soviet Engineering Research ,1990 Electrical Manufacturing ,1959

Gear Ratio Investigation of Automotive Manual Transmission Muhamad Amir Shah Arif Harun,2007 Investigation of manual transmission purpose is to train mal year student for hands on and automotive investigation experience In this investigation of manual transmission two analyses have done First analysis is about how gear ratio influence vehicle performance curve Vehicle performances are determined not only by engine performance but also by transmission gear ratios differential gear reduction ratio and tires Second analysis is about size gear shaft design of gear shaft is influence by size of vehicle For example truck and small car have different of size gear shaft The second analysis prove why design of gear shaft influence by size of vehicle Cosmoswork are using in second analysis for test Stress deformation strain displacement in gear shaft at different size Investigation of manual transmission need to documentation because it will be best reference for student who s involved in fabrication of manual transmission This report have explain how to using Cosmoswork and calculation for produce vehicle performance curve from gear ratio Author Product Engineering Design Manual Douglas C. Greenwood,1982

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