

# Drive Axles

## AXLE RATIO IDENTIFICATION

### CHRYSLER CORP.

A metal tag is attached to one of the rear axle housing cover bolts. Tag gives number of teeth for ring gear and pinion gear. To obtain gear ratio, divide larger number by smaller number.

### FORD

The axle ratio code is stamped on the Vehicle Certification Plate located on the rear face of left door on all models. The first 2 digits of the code identify the ratio and capacity of the rear axle. The third digit of the code identifies the ratio and capacity of the front axle. Rear axles have a tag bolted to drive axle that contains drive axle ratio. Code designations are as follows:

#### FORD AXLE RATIO IDENTIFICATION

Code	Ratio
<b>Conventional Rear Differentials</b>	
07, 17 .....	2.47:1
01, 13 .....	2.75:1
02, 14, 32 Sp. ....	3.00:1
04, 15 .....	3.25:1
25 Sp. ....	3.33:1
16 .....	3.50:1
37 Sp., 41 Sp. ....	3.54:1
36 Sp., 38 Sp., 42 Sp., 46 Sp., 51 Sp. ....	3.73:1
27 Sp., 31 Sp., 43 Sp., 47 Sp., 52 Sp., 62 Sp. ....	4.10:1
28 Sp., 44 Sp., 53 Sp. ....	4.56:1
<b>Locking Rear Differentials</b>	
H7 .....	2.47:1
H3 .....	2.75:1
C2 Sp., H4 .....	3.00:1
H5 .....	3.25:1
B5 Sp. ....	3.33:1
H6 .....	3.50:1
B7 Sp., C7 Sp., D1 Sp. ....	3.54:1
C6 Sp., D6 Sp. ....	3.73:1
C1 Sp., C7 Sp., D3 Sp., D7 Sp., E2 Sp. ....	4.10:1
<b>Front Differentials</b>	
CE, CF, CH, AA, AB, AC, AG, CA, CB, FA, FB, FC, FF, FG, GA, GC, GD, YA, YD .....	3.00:1
SA, TA .....	3.07:1
EE, EF, EH, VE, VF, VH, EA, EB, EC, EG, HA, HC, HD, KA, KB, KC, KF, KG, AAB, AAE .....	3.50:1
JE, JF, FG, NE, NF, NG, ZE, ZF, ZG, ACA, ACB, ACC, MA, MF, NA, RA, RB, RF, SA, SB, SF, TA, TE, UA, UD, AAD, VA, XA, ABA .....	3.54:1
ABD, ABE, ABF, LA, LB, LF, ABA .....	4:10:1

### GENERAL MOTORS

Identification code for rear axles is stamped on rear surface of right rear axle tube. Identification code for front axles is stamped on top rear of left axle tube. On Dana built front axles, axle ratio code is on tape stripe around right front axle tube.

#### GENERAL MOTORS AXLE RATIO IDENTIFICATION

Code	Ratio
<b>Conventional Rear Differentials</b>	
KYA, KYB, KYJ, KYK, KYN .....	2.56:1
TUF, TUM, TAB, TUH, TAS, TAA, TAR, TUR, KCX, TAF, TAM, TAN, KCA, KBS .....	2.73:1
TWA, KXT, TWB, TAU, KXS, TBJ, KCF, KXX, TBF, TWF, TBH, KXN .....	3.08:1
TKB, TKU, RMM, RMB, RMR .....	3.21:1
TCA, TXB, TKK, TKM, TXC, TCF, TCJ, TKN, TKR .....	3.23:1
KZA, KZB, TDR, TXF, TDS, KHN, KHU, KHB, KHR, KZJ, TDU, TDN, TDW, TDY, KZF, KZK, KHJ, KHK, KDN, KHD .....	3.42:1
CSA, CSB, CSC, CSD, CSF, CSH, KBU, KBA, KBH, KBX, TFA, TXA, TFJ, TFB, TFH, KBU, TJN, TJS, TFK, RJZ, RJA, TJK, KKC, KKA, KKK, TKW, TKC, KBD, KXK, KKW, KBN .....	3.73:1
RRM .....	3.75:1
KND .....	4.09:1
RHN, TXD, KMN, RHA, KJB, KMH, KMC, KMT, THF, RHC, RHD, KUN, RHN, THC, THD, KUB .....	4.10:1
KRA .....	4.11:1
TRB, TJB, TJC, KFA, KSN, KSF, KRJ, TJF, KRU, KSY, KRC, KSZ .....	4.56:1
KTA .....	5.13:1
<b>Locking Rear Differentials</b>	
KYC, KYD, KYF, KYH, KYR .....	2.56:1
TUJ, TUK, TUN, TAT, KCY, TAW, KCB, TWC, TAD, TAC, TAH, TAK, TUZ .....	2.73:1
KXW, TWD, KCH, KXU, TBM, KXY, TBU, TBD, KXR .....	3.08:1
RMN .....	3.21:1
KZC, KHA, KHT, KHW, TCC, TDT, KZU, KHC, KHS, KZD, TDY, KZF, KHM, KDR .....	3.42:1
CNA, CNB, KBY, CSJ, CSK, TKX, TFF, TJR, TJM, TJT, TJA, KCU, RJB, KKF, KKY, KKD, TKD, KBF, KBJ, KBR .....	3.73:1
RRN .....	3.75:1
KNF .....	4.09:1
KUD, KUF, KUR, KJC, KMD, KMU, THB, RHB, RHM, RHR .....	4.10:1
KRB .....	4.11:1
KFB, KRK, KRW, KSH, KSR, KST, KSU, KWA, KWB, TJD, TRC, .....	4.56:1
<b>Front Differentials</b>	
WK .....	2.56:1
WA .....	2.73:1
THC, WB .....	3.08:1
TFA, WC .....	3.23:1
THA, THD, WF, WH .....	3.42:1
TBA, TBB, TBF, TBJ, WM .....	3.73:1
TCA, TCB, TCC .....	4.10:1
TDA, TDB .....	4.56:1

### JEEP

On "CJ" and Scrambler models, the front axle code number is cast into bottom surface of housing. On all other models the front axle code number is cast into upper surface of reinforcing rib at left side of axle

## AXLE RATIO IDENTIFICATION (Cont.)

housing. A gear ratio tag is attached to left side of axle housing cover on front axles. On all models except "J20" truck models, rear axle ratio code letter is located on axle housing tube boss, adjacent to dowel hole. On "J20" truck models, rear axle model number is cast into boss on lower right side of axle housing, adjacent to housing cover.

### **JEEP AXLE RATIO IDENTIFICATION**

<b>Code</b>	<b>Ratio</b>
<b>Conventional Differentials</b>	
D .....	2.73:1
B .....	3.31:1
A .....	3.54:1
GG .....	3.73:1
C .....	4.10:1
<b>Locking Differentials</b>	
DD .....	2.73:1
CC .....	3.31:1
AA .....	3.54:1
Q .....	3.73:1
CC .....	<sup>1</sup> 4.10:1

<sup>1</sup> — "J20" Truck models only.