

# Gear Ratio Calculator

Standard

MPH  KPH

Target RPM

7200

Calculate Tire Diameter

26 in

Cir. 81.6814

Width

Aspect Ratio

Rim Diameter

RATIO

Ring & Pinion

8

to

31

3.875

MPH

RATIO

1st gear

10

to

35

3.5

41.080

13.563

2nd gear

17

to

35

2.0588

69.835

7.9779

3rd gear

25

to

35

1.4

102.699

5.425

4th gear

29

to

30

1.0345

138.986

4.0086

5th gear

35

to

29

0.8286

173.526

3.2107

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

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0.000

#DIV/0!

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944 turbo stock gears  
 with S2 final drive

Gear Change RPM drop (change @7200)

1 -> 2 -2965 (to 4235)  
 2 -> 3 -2304 (to 4896)  
 3 -> 4 -1880 (to 5320)  
 4 -> 5 -1433 (to 5767)

## Transmission Diagram

