



2010 43QGP Allegro Bus

2/1/2014

101 - FYI – RV ROAD SPEED vs ENGINE SPEED (RPMs) Assisted by another TRVN forum member the following Excel Spreadsheet was written a couple of years ago.

This Excel file has been LOCKED to prevent changes that would damage the program. There are however four GRAY areas which have been UN-LOCKED to allow change in the parameters to match your coach.

The first UN-LOCKED cell is the Year and Model of your coach, when that information has been added or changed when the file is printed you have a hard copy of the coach Road Speed based on the Engine Speed in RPMS specific to your coach.

A second UN-LOCKED cell, when selected shows a button, clicking on the button opens a drop down list, allowing you to select the correct tire size of your coach.

A third UN-LOCKED cell, when selected shows a button, clicking on the button opens a drop down list, allowing you to select the Rear Axle Ratio of your coach.

A fourth UN-LOCKED cell, when selected shows a button, clicking on the button opens a drop down list, allowing you to select the Transmission Series of your coach.

After entering the Year and Model of your coach, the other THREE selections have been made you can SAVE and PRINT out the “RV Road Speed vs Engine Speed (RPMs)” specific to your coach.

Tire Selection List

Goodyear G670 255/70R22.5 LRH
Michelin XZE 255/70R22.5 LRH
Michelin XRV 235/80R22.5 LRG
Michelin XRV 255/80R22.5 LRG
Michelin XZE 275/80R22.5 LRG
Michelin XZE 275/80R22.5 LRH
Michelin XZA2 295/80R22.5 LRH
Michelin XZA2 315/80R22.5 LRL

Rear Axle Gear Ratio
4.33
4.63
4.78
4.88

Transmission Series
MH 2100 6 Speed
MH 2200 5 Speed
MH 2200 6 Speed
MH 2350 6 Speed
MH 2500 6 Speed
MH 3000 6 Speed
MH 4000 6 Speed

Download the file make the three above selections also enter your coach and model information. Save the file, Print the file, the JPG image below is the SPEED of our 2010 43QGP Allegro Bus based on the gear attained and the engine SPEED in RPMs.

ROAD SPEED (MPH) vs ENGINE SPEED (RPMs)													
RPM's	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
Reverse	-6.7	-7.2	-7.7	-8.2	-8.7	-9.2	-9.7	-10.2	-10.8	-11.3	-11.8	-12.3	-12.8
First Gear	9.6	10.3	11.1	11.8	12.5	13.3	14.0	14.8	15.5	16.2	17.0	17.7	18.5
Second Gear	18.0	19.4	20.8	22.2	23.5	24.9	26.3	27.7	29.1	30.5	31.9	33.2	34.6
Third Gear	23.8	25.6	27.4	29.2	31.1	32.9	34.7	36.5	38.4	40.2	42.0	43.9	45.7
Fourth Gear	33.5	36.1	38.6	41.2	43.8	46.4	49.0	51.5	54.1	56.7	59.3	61.8	64.4
Fifth Gear	44.7	48.1	51.5	55.0	58.4	61.8	65.3	68.7	72.1	75.6	79.0	82.4	85.9
Sixth Gear	51.5	55.5	59.5	63.4	67.4	71.3	75.3	79.3	83.2	87.2	91.2	95.1	99.1

GRAY COLORED CELLS BELOW ARE CHANGEABLE
SELECT A GRAY CELL, CLICK ON THE BUTTON ICON
SELECT FROM THE DROP DOWN LIST IN THE CELL

Tire Selection List	Michelin XZA2 295/00R22.5 LRII	Rear Axle Gear Ratio	4.63
Year & Model	2010 43QGP Allegro Bus	Transmission Series	MH 3000 6 Speed
ENTER YEAR AND COACH MODEL ABOVE			

Program Written By Ted Bryan, AKA Crusingator

The actual Excel spreadsheet covered in this file can be found at:
<http://www.tiffinrvnetwork.com/crusingator/Files/> Click on File-01RV
Road Speed vs Engine (RPMs)