

## SPECIFICATIONS

### General Specifications - Foldout and Infloor Rampvans®

The following specifications are basic to the Toyota Rampvan® conversion (as equipped):

- Power source is 12 Volt DC battery with negative ground.
- Electronic System Controller for power door and power ramp.
  - Obstruction Sensing
- Electromechanical Kneeling System incorporating:
  - Heavy-duty weatherproof linear actuator with manual override
  - Industrial four-leaf roller chain
  - Electrical Override
  - Mechanical Override

### Vehicle Weights - Foldout and Infloor Rampvans®

Vehicle Description	Vehicle Weight
OEM Toyota Sienna LE	4270 Pounds
OEM Toyota Sienna XLE	4266 Pounds
OEM Toyota Sienna Limited	4266 Pounds
Toyota Sienna Infloor Rampvan®	4532 Pounds
Toyota Sienna Fold Out Rampvan®	4452 Pounds

### Operation Cycle Times - Foldout and Infloor Rampvans®

Operation Cycle Times	Fold Out Rampvan®	Infloor Rampvan®
Kneel (Down) Actuator Run Time	18.5 Seconds	18.5 Seconds
Kneel (Down) Time <b>only</b>	8.5 Seconds	8.5 Seconds
Kneel (Up) Actuator Run Time	17 Seconds	17 Seconds
Kneel (Up) Time <b>only</b>	6.5 Seconds	6.5 Seconds
Door Open Time	5.5 Seconds	5.5 Seconds
Ramp Motor Run Time ( <b>Deploy</b> )	4 Seconds	5.5 Seconds
Ramp Deploy Time ( <b>Total</b> )	4.8 Seconds	5.5 Seconds
Ramp Stow Time	5.7 Seconds	5 Seconds
Door Close Time	6 Seconds	6 Seconds