TRADE STUDY

Potential vehicle replacements for the KM3G/R Toyota Sienna

Current KM3G Rover:
2000 Toyota Sienna
224,000 miles
1 deer strike
Lots of kid drink spillage
& generic odd smells





Used Mil Vehicles:

Coolness factor:	5/5
Go anywhere:	4/5
Replacement parts:	1/5
Locals leave you alone:	4/5
MPG:	0/5
Comfort level:	2/5

Locked gates to mountaintops – not an issue
Some need ground guides for safety in parking lots
24 volt power - ugh

Buffalo?



- Comes with antenna mast
- Equipment is secure overnight
- Drilling feed through holes for coax may be an issue
- Not very fast
- No drive through food stops
- The windows don’t even roll down!

Stryker:

- 8 wheel, independent air-ride suspension
- Smooth ride
- Tough driver entry/exit
- Lots of room for gear





HUMVEE:

- Easier? On gas
- Some come with antennas already mounted
- Noisy ride
- Spacious interior for gear
- Lots of premade shelters for the back



Russian?

- No need for a hotel room
- Not very mobile
- Probably get harassed by Penn DOT
- Parking on streets may be an issue



- Running code on the train horn would be awesome, but may annoy the neighbors

Commerical Vehicles:

Coolness factor:		0/5
Go anywhere:	1/5	
Replacement parts:	4/5	
Locals leave you alone:	2/5	
MPG:	0/5	
Comfort level:	2/5	

They are <u>cheap</u>.

Bread Truck:

- No need for a hotel room
- Build in your own bunk
- Lots of room
- Dual fuel tanks
- Plenty of roof space for solar panels



Recreational Vehicles:

Coolness factor:		3/5
Go anywhere:	2/5	
Replacement parts:	3/5	
Locals leave you alone:	1/5	
MPG:	3/5	
Comfort level:	4/5	

Not a lot of room for ham gear
Easy to drill holes

Mercedes Sprinter:

- Plush accommodations
- Cool tires
- Side canopy for operating outside
- Bed on top with windows is cool

- Note the breather tube for crossing rivers with your $40k camper



V Dub Bus:

- A CLASSIC
- Light bar reveals those annoying antenna-crushing branches
- Spare gas cans for generator
- EVERYONE is going to want to say hi
- Fast on the downhill



Undercover Vehicles:

Coolness factor:	5/5
Go anywhere:	2/5
Replacement parts:	3/5
Locals leave you alone:	5/5
MPG:	3/5
Comfort level:	2/5

Mr. T’s Van

- A-Team theme song stuck in your head
- Tire burn outs are required
- Nobody’s going to mess with Mr T’s van
- Jumping your van full of ham gear is not recommended



Fancy paint job van:

- Stoners constantly bothering you
- Sticks out like a sore thumb
- Shag carpet on the inside will dampen generator noise
- Too much of a cop magnet



Ice Cream Truck:

- Sounds like a good idea, but that musical tune it plays would get annoying pretty quickly
- Kids constantly bugging you
- Might look suspicious on a mountaintop



Standard Gov Issue:

- I get enough stares already
- G-man glasses and a suit are required to drive it
- Gov vans are 10x the cost for everything



Fast Movers:

Coolness factor:	5/5
Go anywhere:	4/5
Replacement parts:	2/5
Locals leave you alone:	1/5
MPG:	1/5
Comfort level:	1/5

Loprais Tatra:

- Cover LOTS of grids
- 4 person crew
  - Driver
  - Engineer
  - Navigator
  - Radio op
- Equipment would need to be shock mounted
- Those drivers don’t stop for bathroom breaks



And for the competing rover stations -

- Follow them around with one of these



Listen for the weak ones!

KM3G home station antenna

2 meter/432 halo 3 feet above roof line

FM19ps, Shrewsbury, PA



SAFETY FIRST!

“Hotel rooms are cheaper than hospitals.” … John Jaminet