ENGINE TUNE-UP & MAINTENANCE

VZ Models						
Hydrometer Reading %	Antifreeze/Inhibitor to Add					
	V6		GenHI/IV V8			
	Auto	Manual	Auto	Minmuni		
0	4.95	5.15	5.50	5.70		
5	4.46	4.62	4.95	5.13		
1:0	3.96	4.12	4,40	4.56		
1.5	3.47	3.61	3.85	3.99		
20	2.97	3.08	3.30	3.41		
25	2,48	2.57	2.75	2.85		
30	1.98	2.01	2.20	2.28		
3.5	1.48	1.54	1.65	1.72		
40	0.99	1.05	1.10	1.14		
45	0.50	0.52	0.55	0.57		
50	0	0	-0	-0		

Coolant Level Check

All V6, 5.0 V8 & VZ GenIII/GenIV V8

 The coolant level is inspected by checking the coolant reservoir, check dip stick.



Also remove radiator cap to check coolant level, the coolant level MUST be to the top of the radiator neck.

Tigo it is possible for the coolant reservoir to have the correct reading on the dip stick and the water level in the realistor to be low. Note: Only remove radiator cap if the cooling system is cold.

The coolant level should be in between the indicator arrows on the dipstick at the coolant recovery tank.

VT-VX GenIII V8



The coolant level is inspected by checking the coolant reservoir. The coolant level should be in between the indicator lines on the side of the coolant recovery tank.

Radiator Cap

Note: Only remove radiator cap if the cooling system is cool. Note: Depending on the engine temperature the level will vary.

If removing the radiator cap when the engine is cold, the coolant level should be to the top of the radiator filler.



Coolant System Refill

If the cooling system needs to drained, specific procedures need to be followed when refilling the cooling system, to ensure that no air locks are left in the cooling system.

Refer to Cooling System Chapter for detailed information and procedures.

Coolant Capacity:

VT-VY (V6 & Y	V8)12	Litres
VZ V6	Auto9.9	Littres
	Manual10.3	Littres
VZ GenHH/IV	Auto 11.0	Littnes
	Manual 11.4	Litres

BATTERY INSPECTION

Check the battery terminals for corrosion and poor contact with battery posts, repair as required. Check battery electrolyte levels, top up if required using distilled water.

Note: For detailed procedures covering battery testing and charging refer to the Body Electrical Chapter.

AIR FILTER

Inspect & Clean

Remove the air filter element and inspect to ensure it is not excessively dirty, damaged or contaminated with oil. If the element is contaminated with oil, replace it with a new element.

Thoroughly clean the element housing of any dirt, dust oil or any other contaminants. Use compressed air to blow any dust particles out of the filter element, blow from the inside of the element to the outside. Thoroughly clean the outside of the element from the outside.

Vz Wagon Body Repair Manual

Michal Rosen-Zvi

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- 1. Understanding the eBook Vz Wagon Body Repair Manual
 - The Rise of Digital Reading Vz Wagon Body Repair Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Vz Wagon Body Repair Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Vz Wagon Body Repair Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Vz Wagon Body Repair Manual
 - Personalized Recommendations
 - Vz Wagon Body Repair Manual User Reviews and Ratings
 - Vz Wagon Body Repair Manual and Bestseller Lists
- 5. Accessing Vz Wagon Body Repair Manual Free and Paid eBooks

- Vz Wagon Body Repair Manual Public Domain eBooks
- Vz Wagon Body Repair Manual eBook Subscription Services
- Vz Wagon Body Repair Manual Budget-Friendly Options
- 6. Navigating Vz Wagon Body Repair Manual eBook Formats
 - o ePub, PDF, MOBI, and More
 - Vz Wagon Body Repair Manual Compatibility with Devices
 - Vz Wagon Body Repair Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Vz Wagon Body Repair Manual
 - Highlighting and Note-Taking Vz Wagon Body Repair Manual
 - Interactive Elements Vz Wagon Body Repair Manual
- 8. Staying Engaged with Vz Wagon Body Repair Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - o Following Authors and Publishers Vz Wagon Body Repair Manual
- 9. Balancing eBooks and Physical Books Vz Wagon Body Repair Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Vz Wagon Body Repair Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Vz Wagon Body Repair Manual
 - o Setting Reading Goals Vz Wagon Body Repair Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Vz Wagon Body Repair Manual
 - Fact-Checking eBook Content of Vz Wagon Body Repair Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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