

Service Manual For CHERY QQ6

(Maintenance And Care)

After Sales Service Department of Chery
Automobile Sales Co., Ltd

TABLE OF CONTENTS

Chapter 1 Overview of Vehicle	4
1. Overview of Engine	4
2. Overview of Transmission	4
3. Rubbing Numbers	4
3.1. Vehicle Identification Number (VIN)	4
3.1.1. VIN position.....	4
3.1.2. Meaning of VIN code	5
3.2. Engine Number	6
3.2.1. Engine number position	6
3.2.2. Meaning of Engine Number.....	6
3.3. Transmission Number	9
3.3.1. QR513 series transmission nubmer position.....	9
3.3.2. Meaning of QR513 series transmission number	9
Chapter 2 Technical Specifications.....	11
1. Specification Table.....	11
1.1. Engine specification table	11
1.2. Transmission specification table	11
2. Oil/Fluid Capacity Table.....	12
3. Oil/Fluid Specifications Table	12
Chapter 3 Basic Operation and Adjustment.....	13
1. Vehicle Delivery Check	13
1.1. Interior and exterior	13
1.2. Engine compartment section.....	13
1.3. Manipulation and control section.....	13
1.4. Engine startup check	13
1.5. Engine shutdown check	14
1.6. Each light turnoff check.....	14
1.7. All doors open check.....	14
1.8. Vehicle uplift check.....	15
1.9. Vehicle jackdown c.Check	15
1.10. Final check	15
1.11. Final preparation	15
2. Vehicle Jack Lift Points	15
2.1. Position of front jack lift point	15
2.2. Position of rear jack lift point	16
3. Towing	16
3.1. Towing position.....	16
3.2. Towing method	17
4. Instrument Setting.....	17
4.1. Clock setting	17
4.2. Mileage setting.....	18

4.3. Maintenance indicator light reset	18
5. Battery Check	18
6. Airbag Check	18
7. Engine Oil Check.....	19
7.1. Oil level check	19
7.2. Method to replace the engine oil.....	19
8. Transmission Oil Check.....	20
8.1. Oil level check	20
8.2. Method to replace the transmission oil	20
9. Trouble Diagnosis of Electronic Control System.....	20
10. Lubrication and Maintenance of All Hinges and Door Locks	21
11. Wiper System Check.....	21
11.1. Wiper blade check and maintenance	21
11.2. Nozzle check and adjustment.....	21
12. Coolant Check.....	22
13. Check and Maintenance of Windscreen Cleaning Fluid	23
14. Tire Check.....	24
14.1. Pattern depth check	24
14.2. Tire pressure check	24
15. Timing Belt Check.....	24
16. Check and Maintenance of Engine Accessories' Belts.....	25
17. Check and Adjustment of Clutch	25
18. Check and Maintenance of Brake System	25
19. Check and Maintenance of Vehicle Bottom.....	26
20. Check and Maintenance of Intake and Exhaust Systems.....	28
21. Check and Maintenance of Fuel System.....	28
22. Check and Maintenance of Steering System.....	28
23. Check and Maintenance of A/C System	29
24. Check and Replacement of Three Filters.....	30
25. Four-Wheel Alignment Check	31
26. Lamp Check.....	32
27. Exhaust Emission.....	33
Chapter 4 Regular Maintenance Specifications	33
1. Regular Maintenance Schedule.....	33
2. Regular Maintenance Process	35
2.1. Standard first maintenance (5,000 KM) work procedure.....	35
2.2. Standard 15,000 KM maintenance work procedure.....	37
2.3. Standard 30,000 KM maintenance work procedure.....	39

Chapter 1 Overview of Vehicle

1. Overview of Engine

The QQ6 car is equipped with a engine of 1.3L or 1.1L displacements which is developed and produced by CHERY Automobile Co.. Ltd. The models of the eninge are: SQR473 F and SQR472 F respectively. Two kinds of engines have the following characteristics:

SQR473 F series:

Vertical, four cylinders, water-cooled, 4 strokes, in-line, double overhead camshaft, 4 valves, multipoint electronic gasoline injection.

SQR472 F series:

Vertical, four cylinders, water-cooled, 4 strokes, in-line, double overhead camshaft, 4 valves, multipoint electronic gasoline injection.

2. Overview of Transmission

QQ6 car is equipped with two kinds of manual transmissions developed by CHERY Automobile Co.. Ltd.: QR513MHA and QR512. These transmissions have the following characteristics:

QR513MHA:

Integrated variable differential transmission, two shafts, five gears (five forward gears, one reverse gear), five forward gears have a synchronizer.

QR512:

Integrated variable differential transmission, two shafts, five gears (five forward gears, one reverse gear), five forward gears have a synchronizer.

3. Rubbing Numbers

3.1. Vehicle Identification Number (VIN)

3.1.1. VIN position

VIN code is engraved on the lower of gutter channel at front side of the vehicle, as shown in the figure below:

