

TECHNICAL BULLETIN

Vehicle Model:

Chery QQ 1.1L

No: TB- A0037

Date: July 26, 2006

Section: ENGINE

Title:

QQ (1.1L) Ignition Timing Adjustment

Affected range:

Chery QQ 1.1L

Description:

According to investigation, we found that a great number of Chery Service Stations do not know how to adjust ignition advance angle of QQ (1.1L), and they have been adjusted the distributor and read the ignition advance angle by diagnose simultaneously, which is not a right way. The improper adjustment has caused some distributor to be changed falsely and vehicles' poor accelerating, air-conditioner incessant operation, high fuel-consumption and other troubles.

Please see attachment for QQ (1.1L) Ignition Timing Adjustment operational process.

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Attachment

QQ (SQR7110) Ignition Timing Adjustment

1. Ground the red and green wire or purple wire of 3PIN connector that is under the battery.



Ground the wire.

2. Use diagnostic equipment to check whether the ignition advance angle is 8 degree in the engine data flow. (If the first step succeeded, ignition advance angle should be locked at 8 degree)

3. Release two bolts of the distributor fixed base.

Two bolts on the distributor fixed base.



4. Install the distributor.

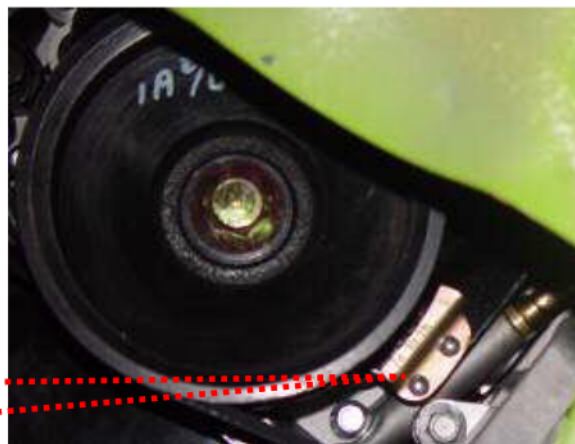
5. Connect the timing gun, then use high voltage clamp to clip the first cylinder high voltage wire.



Clip the first cylinder high voltage wire.

6.Starting the engine (wait water temperature going up to normal working level without turning on the air-conditioner) and turn the distributor fixed base at the same time check the ignition advance angle until adjusted to the standard value (6.75 degree).

The dial on the cylinder block.



There are two kinds of ignition timing guns in market:

- One type of ignition timing gun can set the ignition advance angle. If making adjustment by it, please set the ignition advance angle to 6.75 degree, as the pulley scale mark aligns with the 0 degree of the cylinder block dial scale, the ignition advance angle is already set at 6.75 degree.
- Another type ignition timing gun can not set the ignition advance angle. If making adjustment by it, as the pulley scale mark aligns with the 6.75 degree of the cylinder block dial scale, the ignition advance angle is already set at 6.75 degree. (only 7 degree scale line on the cylinder block dial scale)

Please follow the process as per above after Service Stations change distributor or when vehicles have poor accelerating, air-conditioner incessant operation and other troubles.

Scale mark on the pulley

