

# China Compulsory Certificate (CCC)



## What is China Compulsory Certificate (CCC)?

- Safety licensing system implemented in May 2002
- Mostly identical to European Standards for automotive parts
- China Certification Centre for Automotive Products (CCAP) and China Quality Certification (CQC) are the agencies to process CCC certification



## Who applies for CCC Certification ?

Suppliers - Regulated replacement/service parts for vehicles sold in China

Suppliers - Regulated parts for vehicles assembled in China

- Parts built in China or imported (CKD)

## PHASE 1: CCC Mark on replacement/CKD Parts

- Certification for the following parts must be applied for by the suppliers under China's CCC Approval System and the parts must bear the CCC mark (mold, print, etch or label) for importation effective August 1, 2003
  - Tires
  - Seatbelts
  - Safety Glass

## PHASE 2: CCC Mark on Replacement/CKD Parts

- In addition to Tires, Seatbelts & Safety Glasses, Certification for the following parts must be applied for by the suppliers under China's CCC Approval System and the parts must bear the CCC mark (mold, print, etch or label) for importation effective December 1, 2006
  - Exterior lamps (including CHMSL) & reflectors
  - Brake hoses
  - Rear-view mirrors (inside & outside)
  - Audible warning device (horn)
  - Fuel tank
  - Door locks and door hinges
  - Internal fitting material (interior hard trim, carpet, etc.)
  - Seat and head restraints

# Major Process Steps

## **1. Application**

- Supplier contacts CCC agency and submits an application
- CCC agency assigns a unique plant code to each manufacturing facility upon application
- Supplier apply for “CCC mark usage plan” to CCC agency

## **2. Testing**

- Supplier provides test samples to a CCC agency designated test laboratory in China
- Authorized lab conducts certification testing

## **3. Evaluation**

- CCC agency reviews and approves the test results (or failure and retesting)

## Major Process Steps

### **4. Plant Inspection**

- Supplier requests CCC agency for initial inspection of the plants where affected parts are manufactured
- CCC agency conducts the initial inspection
- CCC agency requests to re-inspect the plant every 12-18 months to maintain the parts certification

### **5. CCC Logo Approval**

- CCC agency issues CCC certificate documentation approving supplier plant(s) and parts
- Upon receipt of CCC certificate, supplier submits “CCC usage plan” application to CCC agency

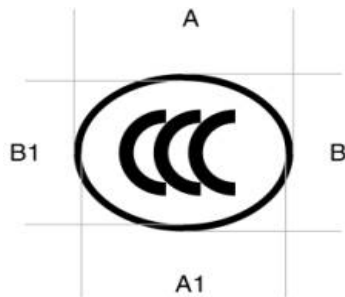
### **6. Final Approval (Plant and Logo Usage)**

- Parts can be legally marked.
- Parts can be ordered & used for their intended purpose (CKD, replacement parts)

## Unified CCC Label - Example



- ✓ Plant code near CCC mark
- ✓ 5 sizes are available



Dimension	No.1	No.2	No.3	No.4	No.5
A (mm)	8	15	30	45	60
A1 (mm)	7.5	14	28	42	56
B (mm)	6.3	11.8	23.5	35.3	47
B1(mm)	5.8	10.8	21.5	32.3	43

- ✓ Supplier chooses the applicable size for their products
- ✓ Print/mold/etch/label CCC marking on the parts



# Regulations & Standards

Parts	regulation Number	applicable range	Standards	sample Qty	CCC mark	CCC mark location	Applicable vehicle category
Horn	CNCA—02C—055 ; 2005	electric horn air horn	GB 15742-2001	2 sets/units	unified CCC label or printed/moulding with the plant code	suitable position of the object	All
Retro Reflector	CNCA—02C—056 ; 2005		GB11564-1998	10 sets/units 2 samples of each additional color	printed/moulding with the plant code	obvious position and can be easily seen after installation.	All
Brake hose	CNCA—02C—057 ; 2005	Hydraulic hose assemblies Air hose assemblies Vacuum hose assemblies	GB 16897-1997	Hydraulic: 35 sets/units air:28 sets/units vacuum:17 sets/units (Additional samples may be required with specification change)	printed/moulding with the plant code	on the hose surface	All
Lighting and Light-Signaling Devices	CNCA—02C—058 ; 2005	headlamp, turning-signal lamp; front position lamp/rear position lamp/braking lamp/outline marker lamp; front fog lamp, rear fog lamp, reversing lamp, parking lamp, side-marker lamp, rear license-plate light	GB 4599-1994 GB 4660-1994 GB 11554-1998 GB 5920-1999 GB 15235-1994 GB 17509-1998 GB 18409-2001 GB 18099-2000 GB 18408-2001	2 sets/units each kind of lightings	printed/moulding tool with the plant code	On the surface or obvious position on the object, the mark should be easily seen after installation	All
Rear-view mirror	CNCA—02C—059 ; 2005		GB 15084	3 sets/units with bracket	unified CCC label or printed/moulding tool with the plant code	suitable position of the object	All
Internal fitting material	CNCA—02C—060 ; 2005	3 kinds: 1)floor mat,2)seat skin and 3)all the decorating board panel (including door panel, front enclosing protective board, side enclosing protective board, back enclosing protective board, and ceiling)	GB 8410	5 sets/units each kind (356mm×100mm typical)	unified CCC label or printed/moulding tool with the plant code	suitable position of the object or the deepest packing.	All
Door lock and door hinge	CNCA—02C—061 ; 2005		GB 15086	Door lock:4 sets/units Door hinge:2 sets/units	unified CCC label or printed/moulding tool with the plant code	suitable position of the object or the deepest packing.	M1,N1
Fuel tank	CNCA—02C—062 ; 2005	Metal fuel tank plastic fuel tank	GB18296-2001	metal: 3 sets/unit Plastic: 5 sets/unit one set of bracket	unified CCC label or printed/moulding tool with the plant code	suitable position of the object	All
Seat and head restraint	CNCA—02C—063 ; 2005	seats of the M, N front head restraint of the M1	GB 15083 GB 11550 -1995 GB 13057-2003 GB 8410	3 sets/units	unified CCC label or printed/moulding tool with the plant code	suitable position of the object	M, N (seat) M1(seat restraints)
Glass	CNCA—04C—028	laminated glass used for windscreen, zone-toughened glass, toughened glass and plastic glass composite material; laminated glass used for other than windscreen, plastic glass composite material, toughened glass and insulated safety glass;	GB 9656	6 sets/type	transfer printing, silk screen printing, etching or sand blasting	obvious position and can be easily seen after installation.	Except Sunroof Glass
Tire	CNCA—03C—027	All, except temporary spare tire start with T	GB 9746, GB/T-2978	3 sets/type	carved with the compulsory certification mark on their moulds	obvious position and can be easily seen after installation.	
Seatbelt	CNCA—02C—026	M and N	GB 14166	6 sets/type + 15 m/type	sewed on straps close to safety belt anchorage, or directly applied, by mould pressing	obvious position and can be easily seen after installation.	

## Relaxation on CCC label Usage

- For retro-reflector, braking hose assemblies, and exterior lighting & lighting-signal, it is acceptable to affix China issued CCC label in 8mm standard format with “S” until May 31 of 2007 (custom date).
- For replacement parts for legacy models, it is acceptable to affix China issued CCC label in standard format for retro-reflector, braking hose assemblies, and exterior lighting & lighting-signal even after May 31 of 2007. The end period is not defined for now.

## Resources

- CCC agencies Web Sites are:
  - CCCAP: [www.cccap.org.cn/](http://www.cccap.org.cn/)
  - CQC: [www.cqc.com.cn/](http://www.cqc.com.cn/)
  - TUV : [www.us.tuv.com/index.html](http://www.us.tuv.com/index.html)
    - Approved by CQC to conduct annual re-certification
  - G & M Compliance Inc: [www.gmcompliance.com](http://www.gmcompliance.com)
    - Affiliated with CCAP
    - Not affiliated with General Motors