

COMMERCIALLY CONFIDENTIAL

Core Acceptance Criteria and Returns process - Non UK Customers

EQUIPMENT: CR PUMP REMANUFACTURING AFTERMARKET

SUBJECT: Core Acceptance Criteria and Returns process - Non UK Customers

1. INTRODUCTION

This document describes the core acceptance criteria and core return process to be applied for all Remanufactured Common Rail (CR) pumps available from Delphi Technologies.

Each CR pumps needs to be checked against the following criteria.

2. CORE ACCEPTANCE CRITERIA - GENERAL OVERVIEW

Examine the condition of core and reject if unacceptable, typical criteria includes:

- Incomplete assembly ([section 1](#)),
- Damaged core ([section 2](#)),
- Badly corroded ([section 3](#)),
- Hard marking ([section 4](#)),
- Unidentified core ([section 5](#)),
- Core packaging ([section 6](#)),
- Core logistics ([section 7](#))

Core exhibiting any of the issues describe above needs to be scrapped.

It will not be accepted for core surcharge credit by Delphi Technologies.

2.1 Incomplete Pump

The CR pump must be complete and assembled (not dismantled).

Incomplete core needs to be scrapped and not submitted to Delphi Technologies for credit.

Incomplete or dismantled CR pump core will be scrapped and Delphi Technologies will not credit for the core received.



2.2 Damaged core

Pumps with driveshaft, mounting flange damage or with heavy scrapes and gouges on housing are not acceptable.

Damaged core needs to be scrapped and not submitted to Delphi Technologies for credit.

Core with light tooling marks is acceptable.

Pumps with broken connectors such as temperature sensor and IMV are acceptable only if the connecting harness can still be fitted securely. (Chipped connector edges are acceptable).

Damaged threads on the high-pressure outlet are not acceptable.



2.3 Corroded core

CR pumps exhibiting heavy corrosion on the body or any corrosion inside are not acceptable.

Attention must be paid to Body, Mounting Flange, Drive Shaft and Hydraulic Head.

Corroded core needs to be scrapped and not submitted to Delphi Technologies for credit.

- **Body** - Small surface spots of rust are acceptable however bodies with severe rust will be rejected.
- **Mounting Flange** - Small surface spots of rust or pitting are acceptable however mounting flanges with severe rust will be rejected.
- **Drive Shaft** - Small surface spots of rust are acceptable however drive shafts with severe rust will be rejected.

- **Hydraulic Head** - Small surface spots of rust are acceptable however hydraulic heads with severe rust will be rejected.



2.4 Painted / Hard marked / cosmetically treated core

Core must not be painted or hard marked such as hard stamped, hand or laser etched.

- Cosmetically treated or painted core is not acceptable.
- Hard marked core is not acceptable.
- Slight printing traces on the exterior surfaces of the pump might be acceptable.
- Hard marked / painted core needs to be scrapped and not submitted to Delphi Technologies for credit.

2.5 Unidentified Core

- CR pump cores with no labels / identification are not acceptable.
- Damaged labels with visible part number are acceptable
- CR pump cores that are non-Delphi Technologies core will not be accepted.
- Unidentifiable core needs to be scrapped and not submitted to Delphi Technologies for credit.



2.6 Core packaging

All returned CR pump core should be packed in a suitable way to avoid damage during shipment to Delphi Technologies.

CR pumps should be boxed / bagged to avoid any external damage during transit. It is recommended to re-use packaging from newly purchased units.

The typical precautions which need to be observed are:

- CR pumps should be boxed / bagged to avoid any external damage during transit.
- CR pumps should be tagged with relevant customer identification numbers for traceability.



2.7 Core Logistics

It is the responsibility of all customers to cover the associated costs of all core return.

It is highly recommended a trackable core service is utilised.

2.7.1 Core Return Form

Please use the DTFX106A(EN) core returns note while sending back the core to Delphi Technologies. The form is available on Direct Evolution and from your customer services contact.

2.7.2 Core Return period

Core return period is strictly 12 months after purchase.