

C O R E A C C E P T A N C E C R I T E R I A

Turbocharger – Groups and Cartridges

No disassembly is required. Use visual inspection and adjustable flashlight.

You will receive:

Full Core Refund

- ◆ Turbine Wheel (Hot Wheel) is not cracked, broken or bent to the extent that it is visible without disassembly.
- ◆ Unit is fully assembled and complete (band clamps must be tight).
- ◆ Unit is an acceptable part number or model.
- ◆ Unit has not been damaged by fire.
- ◆ Unit has no Non-Operational Damage due to any of the conditions listed below:
 - Mishandling that results in broken flanges or housings.
 - Torch marks that melt any housing material on the turbocharger or cartridge.

Damaged Core Refund

- ◆ Turbine Wheel (Hot Wheel) is cracked, broken or bent to the extent that it is visible without disassembly.
- ◆ Unit is not fully assembled and complete (band clamps are loose or missing).
- ◆ Unit is an acceptable part number or model.
- ◆ Unit has not been damaged by fire
- ◆ Unit has Non-Operational Damage due to either one, or both of the conditions listed below:
 - Mishandling that results in broken flanges or housings.
 - Torch marks that melt any housing material on the turbocharger or cartridge.

No Core Refund

- ◆ Unit has been damaged by fire.
- ◆ Unit is not an acceptable part number or model.

Turbocharger – Groups and Cartridges

INSPECTION TIPS

- Turbine Wheel (Hot Wheel) Damage
If unit is a complete turbo, do not disassemble the housing to inspect the turbine wheel. Inspect for damage to turbine wheel using the flashlight. If necessary adjust the flashlight beam and tilt the turbo to allow easier inspection to determine if the hot wheel is bent or broken
- Acceptable Part Number and Model
Must be a Caterpillar part number or turbo model.
- Do not inspect compressor wheel (Cold Wheel).
- Do not inspect for housing cracks.
- Wheels do not have to turn.

CORE ACCEPTANCE CRITERIA

Full Core Refund



Figure 1 **Full Core Refund**
Fully assembled and complete



Figure 2 **Full Core Refund**
Fully assembled and complete



Figure 3 **Full Core Refund**
Hot Wheel worn – wheel rub



Figure 4 **Full Core Refund**
Operational damage — crack

Turbocharger – Groups and Cartridges

CORE ACCEPTANCE CRITERIA (continued)

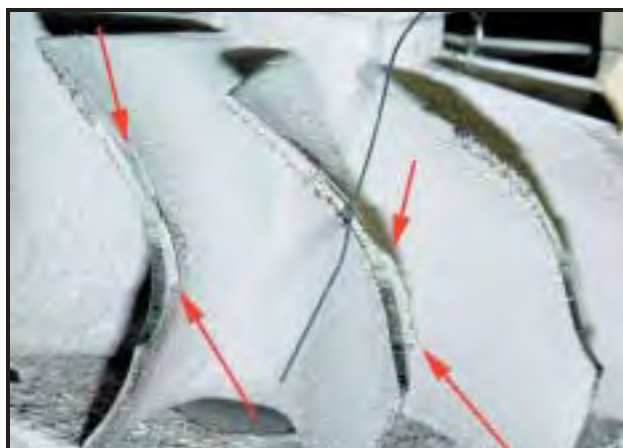


Figure 5 **Full Core Refund**
Hot Wheel wear with rolled edge.



Figure 6 **Full Core Refund**
Hot Wheel worn



Figure 7 **Full Core Refund**
Turbo with hammer marks/blows



Figure 8 **Full Core Refund**
Turbo with hammer marks/blows



Figure 9 **Full Core Refund**
Damage — chipped cold housing



Figure 10 **Full Core Refund**
Webbing burned out

Turbocharger – Groups and Cartridges

CORE ACCEPTANCE CRITERIA (continued)

Damaged Core Refund



Figure 11 **Damaged Core Refund**
Broken housing resulting from mishandling



Figure 12 **Damaged Core Refund**
Hot Wheel bent



Figure 13 **Damaged Core Refund**
Hot Wheel broken

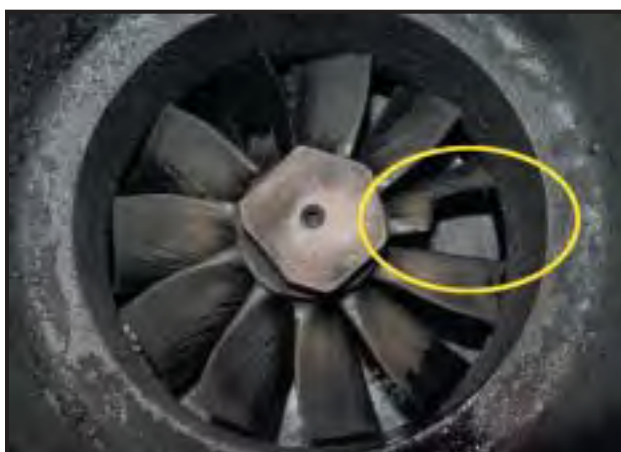


Figure 14 **Damaged Core Refund**
Hot Wheel broken



Figure 15 **Damaged Core Refund**
Hot Wheel cracked



Figure 16 **Damaged Core Refund**
Hot Wheel broken

Turbocharger – Groups and Cartridges

CORE ACCEPTANCE CRITERIA (continued)



Figure 17 **Damaged Core Refund**
Hot Wheel broken



Figure 18 **Damaged Core Refund**
Hot Wheel broken

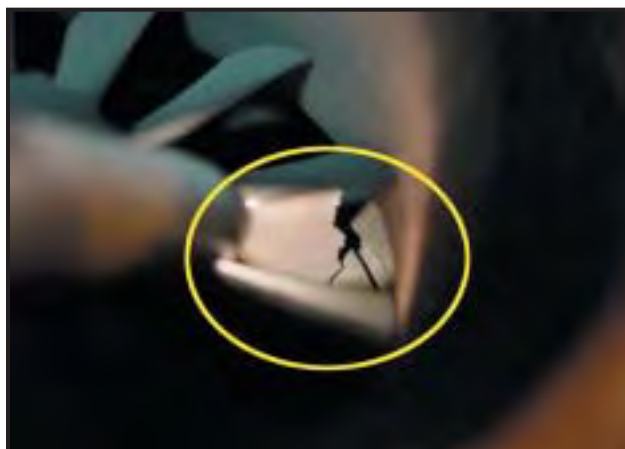


Figure 19 **Damaged Core Refund**
Hot Wheel broken



Figure 20 **Damaged Core Refund**
Non-operational damage — broken center housing



Figure 21 **Damaged Core Refund**
Non-operational damage — broken center housing



Figure 22 **Damaged Core Refund**
Non-operational damage — melted by torch

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CORE ACCEPTANCE CRITERIA (continued)



Figure 23 **Damaged Core Refund**
Non-operational damage — melted by torch



Figure 24 **Damaged Core Refund**
Band clamps loose

No Core Refund



Figure 25 **No Credit**
Rotomaster — not acceptable turbo model

CORE RETURN REQUIREMENTS

To avoid shipping damage cores should be returned in the packaging of the replacement part. It may be necessary to re-orient turbochargers to fit in box. If this is not possible please package in locally available materials. (Shipping damage may result in reduced core refund.) For additional information on packaging refer to the video, Reman Core Packaging and Shipping Guidelines, form number TEVN4246.

Dealers should refer to REMAN Policies and Core Management (SELD0122), Core Management Systems and Operations procedures (SELD0040), and Shipping Instructions (SELD0039) in the "Operations and Core Management Tab", and to Core Acceptance Guide Introduction (SELD0013) in the "Core Acceptance Guidelines Tab" for additional information applicable to all cores.

Direct Purchase Criteria

Please refer to the Core Management Information System (CMIS2) Parts Information Application for all Direct Purchase pricing information. Only the parts that have Direct Purchase prices with a current end date are included in the program. Parts with non-current end dates are not included in the program.

Part numbers that only have a "FULL" Direct Purchase price must meet the "FULL Core Refund" exchange core acceptance criteria to receive direct purchase value. Part numbers that have both a "FULL" and "PARTIAL" Direct Purchase price must meet the applicable "FULL Core Refund" or "Damage Core Refund" exchange core acceptance criteria to receive direct purchase value.

Add charges will apply as appropriate based on the normal exchange core acceptance criteria.

