

General Service Bulletin (GSB):	Reman Powertrain Core Returns
GSB Overview:	This bulletin provides tips to assist the dealership when returning powertrain core back to Ford Motor Company.
NOTE: This information is not intended to replace or supersede any warranty, parts and service policy, Work Shop Manual (WSM) procedures, PC/ED procedures or technical training or wiring diagram information.	

No

# RISK

Core

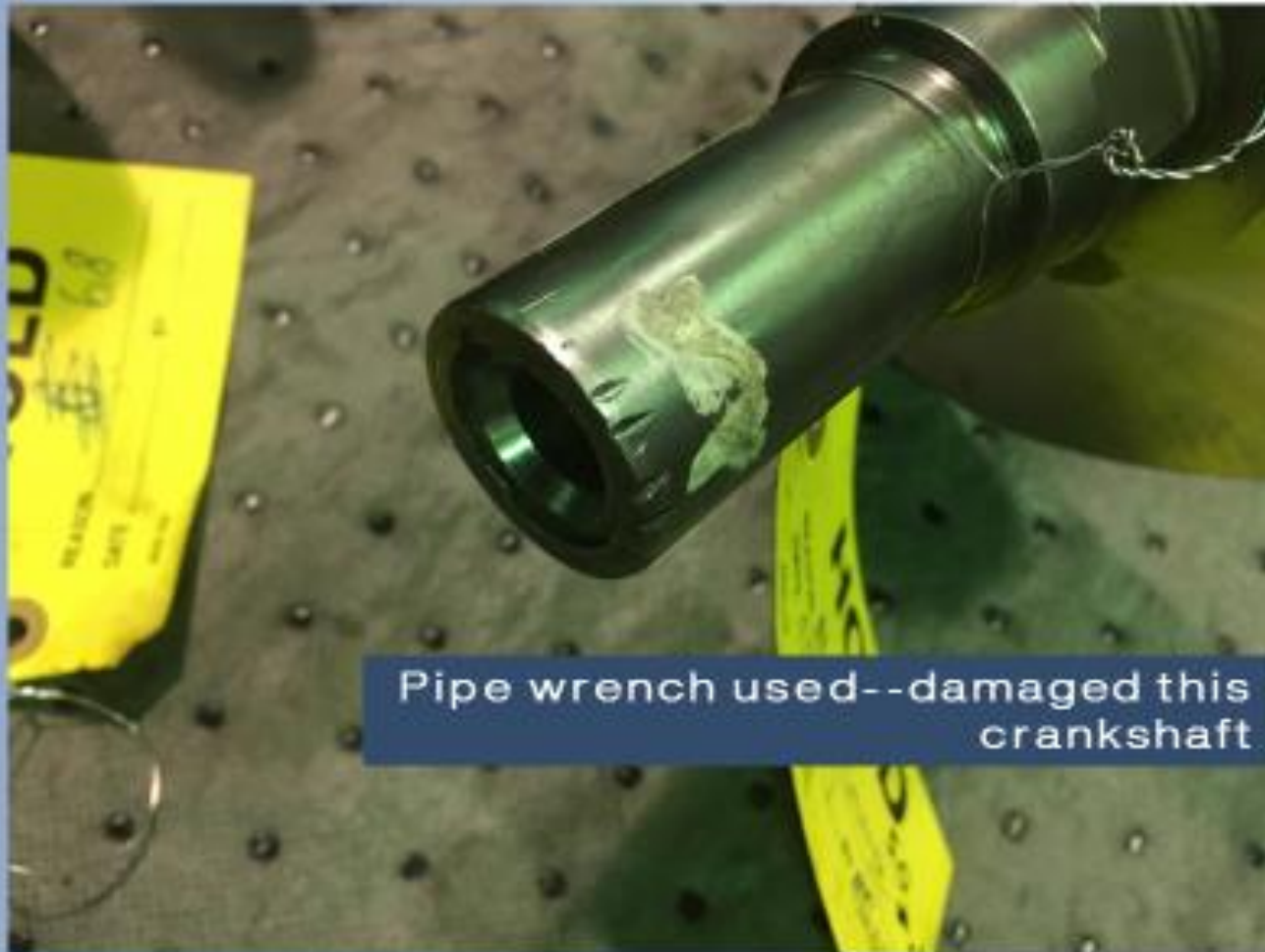
How to

# Preserve It

## Mishandled Core

Powertrain  
Installers  
and  
Facilities  
Can  
Reduce  
Mishandled

W  
R  
O  
O



## Mishandled Core

### Mishandled Core

**NO**

usable core means

reman service engines or  
transmissions for repairs





## Mishandled Core

### Correct Powertrain Handling is **VITAL**

1. **HANDLE** securely--avoid impact damage
2. Loosely **REASSEMBLE**--prevent further component damage
3. Return **ALL** pieces/parts--cam and main bearing caps, valvetrain, oil filter adapter, etc.
4. Reassemble **ALL** parts back in their correct locations and **NOT** just thrown in the box--cam and main bearing caps, etc.
5. Avoid **POOR** storage that could cause **RUST** or further damage--poor weather conditions, etc.

## Mishandled Core

Correct Powertrain Handling is **VITAL**

As the Warranty & Policy Manual **REQUIRES**, the dealer is to follow the Warranty Parts Return Procedures

1. Cleaned and **DRAINED** of **ALL FLUIDS**
2. **REASSEMBLED** and complete
3. Packaged in the **SAME CONTAINER** which held the replacement part

# Mishandled Core

Core Return Issue

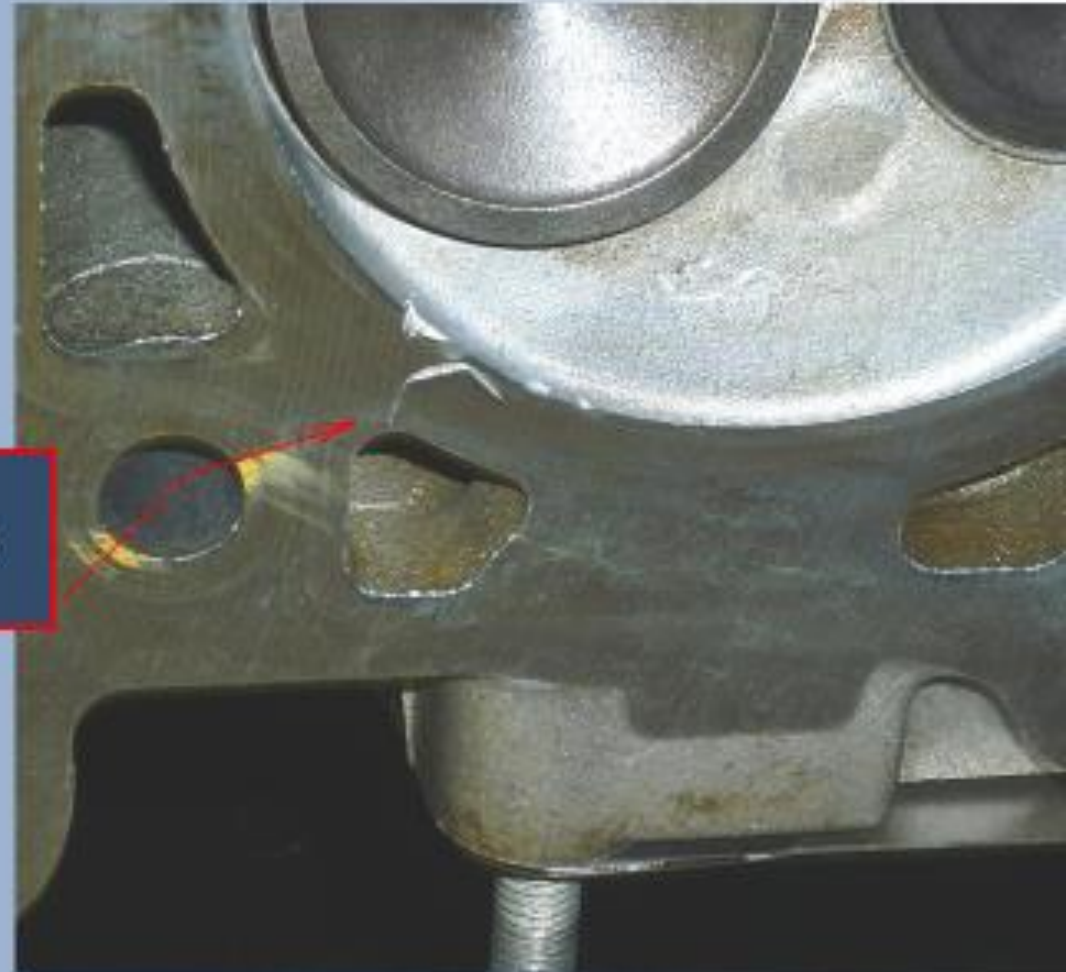
Head **DAMAGE**

Handle the ENTIRE cylinder head with care!  
Excessive damage can **not** be machined.

Mishandling  
Surface Damage Is  
Preventable

Protect Sealing Surfaces

Treat like a wet painted surface





## Mishandled Core



Core Return Issue

**Missing** Parts

Return ALL PIECES !

We can **not** just replace the cap—Line Bore

Missing Cam Caps

**BIG** Issue  
resulting in scrap  
of the head

This Head is **SCRAP**. It's **Missing**  
**Only One Cap!**

## Mishandled Core

Core Return Issue

**RUSTED** Parts

Rust at this point can **not** be removed



Core left **unprotected**--such as outside storage

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**SCRAP**



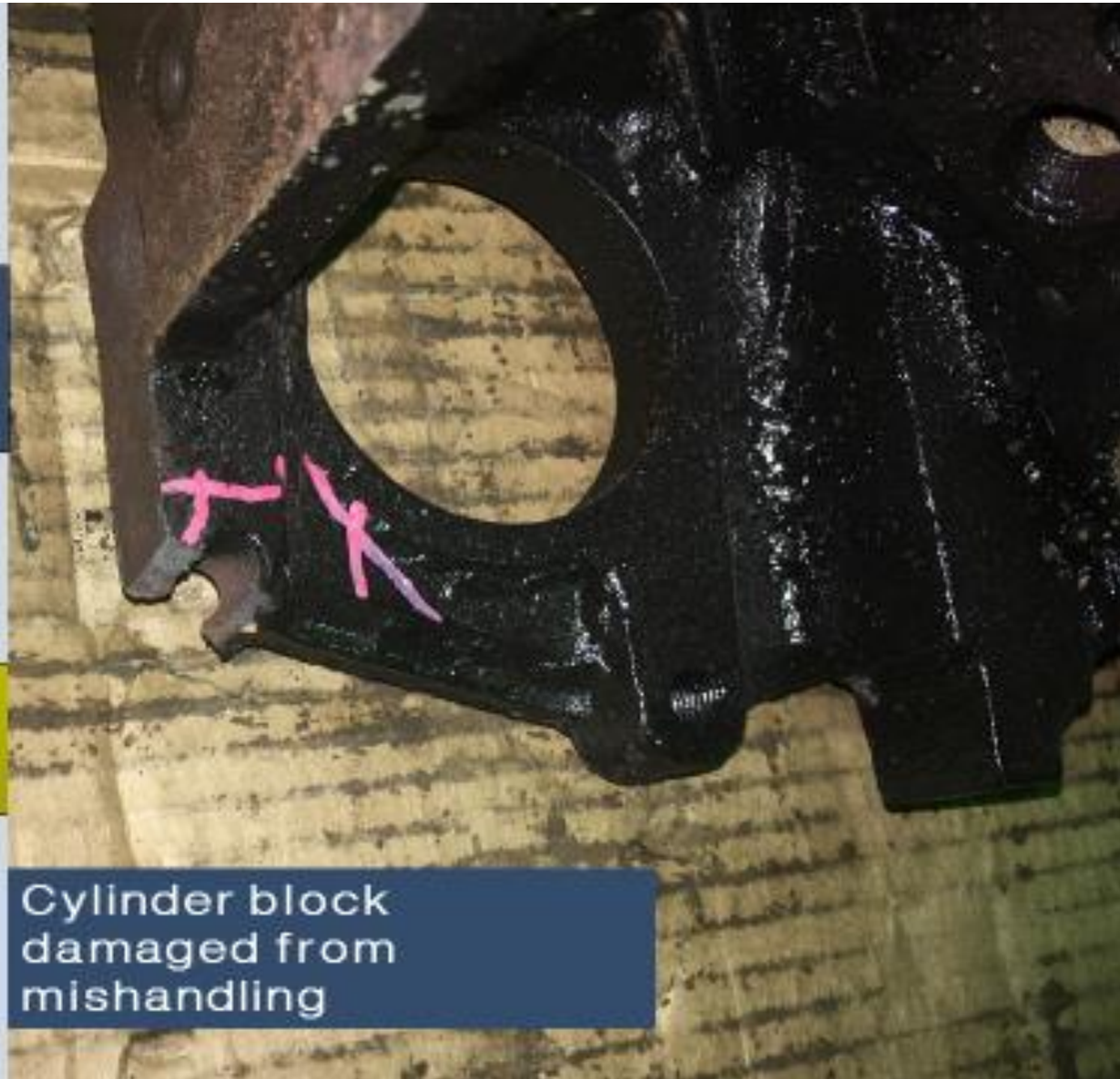
## Mishandled Core

Core Return Issue

**IMPACT** Damage

Component Mishandling  
Results in Scrap

Cylinder block  
damaged from  
mishandling



## Mishandled Core



Core Return Issue

**MISSING** Parts

Return ALL PIECES!

We can **not** just replace the cap—Line Bore

**MISSING**  
Main Caps



# Mishandled Core



Core Return Issue

**SHIPPING** Care

Reassembly is **IMPORTANT**!  
Engines and Transmissions, Affected

