Meritor Differential Core Identification

Core Inspection Process

Damaged Differential Core Examples

- Adjustment Ring – Damaged Cups
- Excessive Weld
- Inner Case – Cracked
- Spigot Bore – Broken
- Worked Spigot Bore

Core Identification

The Identification Plate

Every differential leaving the Meritor factory is fitted with an identification plate which contains all the information needed to ensure the correct replacement parts are obtained.

Example:

A38 3200W1739 411S

Core Not Drained of Oil €100 Deduction

Excessive corrosion

Core Not Drained of Oil – Excessive corrosion

Identifying the Differential Type

The Casting Number

If the plate is missing or not available, locate casting reference on main differential case.

Example:

3200 X ?????

The Casting percentage deduction of full core value

<table>
<thead>
<tr>
<th>Description</th>
<th>Percentage Deduction of Full Core Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cracked, Bulging, Broken Carrier</td>
<td>50%</td>
</tr>
<tr>
<td>Damaged Spigot Bore Area</td>
<td>50%</td>
</tr>
<tr>
<td>Missing Parts due to physical removal</td>
<td>50%</td>
</tr>
<tr>
<td>Burned Up Core</td>
<td>50%</td>
</tr>
<tr>
<td>Excessive Weld</td>
<td>50%</td>
</tr>
<tr>
<td>Disassembled Core – complete</td>
<td>25%</td>
</tr>
<tr>
<td>Core Not Drained of Oil</td>
<td>€100 Deduction</td>
</tr>
<tr>
<td>Excessive corrosion</td>
<td>50%</td>
</tr>
</tbody>
</table>

Prefix Base Number Ratio Date Made In Italy

Example:

A38 3200W1739 411S

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