MOST COMMON FAILURES
OF SUSPENSION BEARINGS
AND DAMPER BUSHES

GENERAL RECOMMENDATION:
NEVER RE-INSTALL A DAMAGED PART

SUSPENSION BEARING

1. CORROSION

EVIDENCE
- Ingress of contaminants such as water, salt, mud, sand, etc.

CAREFULLY CHECK THE CONDITION OF THE BELLOWS AND OF THE SUSPENSION BEARING

2. FRACTURED SUSPENSION BEARING

EVIDENCE
- Poor road conditions: driving repeatedly through potholes, over speed bumps
- High-speed impacts (curbs, sidewalks, etc.)

CHECK THE CONDITION OF THE DAMPER BUSH AND SUSPENSION BEARINGS WHEN REPLACING THE SHOCK ABSORBER

3. FALSE BRINELLING

EVIDENCE
- Damage due to microvibrations during vehicle transport

CHANGE THE SUSPENSION BEARING

DAMPER BUSH

4. DAMAGED DAMPER BUSH

EVIDENCE
- Poor road conditions
- Inappropriate driving (speed bumps or sidewalks at high speed, etc.)
- Defective shock absorber bearing
- Ingress of contaminants (water, salt, sand, etc.)

CHECK THE CONDITION OF THE DAMPER BUSH WHEN REPLACING SUSPENSION BEARINGS

5. WEATHERED MATERIAL

EVIDENCE
- Use in regions subject to extreme conditions (very high or very low temperatures)
- Chemical contamination (coolant, brake fluid, oils)

CHECK THE CONDITION OF THE DAMPER BUSH WHEN REPLACING SUSPENSION BEARINGS