

# XENTRY TIPS

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If the customer brakes sharply from a speed of > 30mph, without ABS intervention, there is a single cracking noise from the area of the ESP hydraulic unit

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Version	2
Function group	42.47 Adaptive Brake (ABR)
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Reason for change	Validity
Reason for block	

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## Complaint:

If the customer brakes sharply from a speed of > 30mph, without ABS intervention, there is a single cracking noise from the area of the ESP hydraulic unit.

## Cause:

Functional sound from ESP hydraulic unit.

## Explanation:

This brake application takes place with a deceleration of > 6m/sec<sup>2</sup>.

To increase braking comfort in terms of straight ahead stability during heavy braking,

the EBD (electronic brake force distribution) regulates the brake pressure at the individual wheels; this results in noises from the hydraulic system as the pressure is being reduced.

## Note:

This noise cannot be reproduced if the ESP is deactivated - roller test mode (GF54.30-P-20202FG).

## Remedy:

No repair is needed, do not replace parts.

Symptoms
Chassis/suspension / Noises / Knocks
Chassis/suspension / Noises / Vibrates
Chassis/suspension / Noises / Grunting

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Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program (ESP) / Noise
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Chassis/suspension / Brake system / Brakes/traction regulation system / ADAPTIVE BRAKE / Noise
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