

Condition	Cause	Remedy
Drumming from non-moving vehicle	a) Propeller shaft without influence	a) Check engine tuning and remove stress in exhaust assembly.
Vibration while moving off in forward/reverse (centre mount knocking)	a) Propeller shaft not aligned precisely. b) Runout on centring spigot, transmission flanges or final drive flanges c) Centre-mount rubber damaged. d) Universal joint worn or seized. e) Engine/transmission suspension not OK. f) Joint-disk rubber damaged.	a) Align propeller shaft, refer to 26 11 030 b) Check centring journal and flanges for runout using dial gauge, refer to Technical Data Align or replace final drive flange. c) Replacing centre mount, refer to 26 12 011 d) Check for freedom from clearance or impaired movement, replacing propeller shaft if necessary, refer to 26 11 000 e) Check, align or replace mounts. f) Replacing flexible coupling, refer to 26 11 051

Vibration at 40 to 50 km/h

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| a) Propeller shaft not aligned precisely
b) Runout on centering pin, transmission or final drive flanges.
c) Centre-mount rubber damaged.
d) Universal joint worn or seized.
e) Joint-disk rubber damaged. | a) Aligning propeller shaft, refer to 26 11 030
b) Check centring journal and flanges for runout using dial gauge, refer to Technical Data
Align or replace final drive flange.
c) Replacing centre mount, refer to 26 12 011
d) Check for freedom from clearance or impaired movement, replacing propeller shaft if necessary, |
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		<p>refer to 26 11 000</p> <p>e) Replacing flexible coupling, refer to 26 11 051</p>
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Condition	Cause	Remedy
Drumming at 90/140 km/h	<ul style="list-style-type: none"> a) Engine/transmission suspension not OK or installed with stress. b) Exhaust assembly installed with stress. c) Propeller shaft distorted. d) Propeller shaft not installed correctly. e) Excessive clearance on propeller shaft universal joints f) Radial run-out on input flange of final drive excessive. 	<ul style="list-style-type: none"> a) Check, align or replace mounts. b) Untightening exhaust system, refer to 18 00 020 c) Twist each propeller shaft section through 90°, refer to 26 11 030. d) Adjusting deflection angle of propeller shaft, refer to 26 11 030 e) Exchanging propeller shaft, refer to 26 11 000 f) Replacing final drive, refer to 33 10 010.
Centre-mount noise while driving	<ul style="list-style-type: none"> a) Centre mount not perpendicular to propeller shaft, not at all or insufficiently preloaded. b) Centre-mount grooved ball bearing not OK. 	<ul style="list-style-type: none"> a) Preload centre mount at right angles to propeller shaft 2 ... 4 mm in direction of travel. b) Replacing grooved ball bearing. refer to 26 12 011