

## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Rear final drive identification</b>	<b>1</b>
1.1 Audi A4 2001 ▶ – Code letters, allocation, transmission ratios and capacities	2
1.2 Cabriolet 2003 ▶ – Code letters, allocation, transmission ratios and capacities	2
1.3 Audi A6 2005 ▶ – Code letters, allocation, transmission ratios, capacities	3
1.4 Audi A8 2003 ▶ – Code letters, allocation, transmission ratios, capacities	4
<b>2 Transmission layout</b>	<b>6</b>
<b>3 General repair instructions</b>	<b>8</b>
3.1 Jacking mode (vehicles with pneumatic suspension)	8
3.2 Special tools	8
3.3 Components	8
<b>39 - Final drive - rear differential</b>	<b>10</b>
<b>1 Exploded view - servicing propshaft</b>	<b>10</b>
1.1 Removing and installing propshaft - Audi A4, Audi Cabriolet and Audi A6	11
1.2 Removing and installing propshaft on Audi A8	18
1.3 Detaching and attaching propshaft at rear final drive	24
<b>2 Measuring and marking radial run-out at flange for propshaft</b>	<b>27</b>
<b>3 Checking gear oil in rear final drive</b>	<b>28</b>
<b>4 Exploded view - rear final drive on Audi A4, Audi Cabriolet and Audi A6</b>	<b>29</b>
4.1 Removing and installing rear final drive on Audi A4, Audi Cabriolet and Audi A6	29
<b>5 Exploded view - rear final drive on Audi A8</b>	<b>34</b>
5.1 Removing and installing rear final drive on Audi A8	34
<b>6 Renewing flange shaft oil seals</b>	<b>39</b>
<b>7 Renewing protective ring on flange shaft</b>	<b>43</b>
<b>8 Renewing oil seal for propshaft flange on rear final drive (rear final drive installed)</b>	<b>45</b>
8.1 Renewing protective ring on flange for propshaft	51