V-RAD User Manual

COVERS MODELS: V-RAD 4/6, V-RAD 10/14, V-RAD 16/21, V-RAD 23/31
OPERATING INSTRUCTIONS

Dear Customer,

Many thanks for the confidence you have shown in us with the purchase of your new V-RAD power tool. Every RAD power tool is carefully tested and is subject to the strict quality controls of RAD Quality Assurance. However, the service life of any power tool is to a great degree dependent on yourself as the user. Please take account of the information contained in these operating instructions and the accompanying documents. The more care you exercise in handling your V-RAD power tool, the longer it will provide reliable service to you.

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1. PROPER USE

⚠️ Caution

- This electric power tool is designed for tightening and loosening fasteners and other similar applications.

- The operator bears sole responsibility for any damage caused by inappropriate use.

- Generally recognized accident prevention regulations and the accompanying Safety Instructions must be observed.

2. GENERAL SAFETY INSTRUCTION

⚠️ Caution

- Before using the power tool, read the accompanying Safety Instructions and these Operating Instructions carefully and thoroughly.

- Keep all of the documents supplied with the tool in a safe place and pass them on to the new owner if you part with the tool.
3. SPECIAL SAFETY INSTRUCTIONS

Caution

- Always keep electric motor and unit dry and away from moisture.
- Do not use any unit that has damaged parts or components.
- Do not expose the unit to excess heat.
- Do not attempt to disassemble the gear box or electrical motor.
- Do not use an adapter and do not run the tool through an inappropriate voltage source.
- Do not use the tool in any condition were a spark could cause an explosion.
- Make sure that the reaction arm provided fits the operation PROPERLY. If you are not reacting on the blade of the hockey stick shaped arm you are reacting incorrectly and should contact New World Technologies about a custom reaction arm.

WARNING: ALWAYS KEEP HANDS CLEAR OF THE REACTION ARM WHEN THE TOOL IS IN USE OR SERIOUS INJURY WILL RESULT.
4. OPERATION

Your new V-RAD tool will come with a torque chart as seen in Figure 1.1 affixed to the gear box of the tool. The torque chart displays alpha and numeric characters that are dialed in on the tool that correspond to the torque values to the right. To select a desired torque, dial in your V-RAD by using the alpha and numeric selections on top of the V-RAD gun Figure 1.2. For example, for preset (G6) dial the alpha dial so that the black arrow underneath is pointing at the (G) and dial the numeric dial so that the arrow on top is pointing at the (6).

⚠️ Warning

Do not attempt to run the tool with settings that are not displayed on the torque chart. Failure to do so could cause the tool to fail and void your warranty.

Sample Torque Chart

<table>
<thead>
<tr>
<th>Setting</th>
<th>Torque (ft.lbs.)</th>
<th>Setting</th>
<th>Torque (ft.lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B2</td>
<td>320</td>
<td>E3</td>
<td>750</td>
</tr>
<tr>
<td>C2</td>
<td>350</td>
<td>F3</td>
<td>800</td>
</tr>
<tr>
<td>E2</td>
<td>450</td>
<td>G5</td>
<td>830</td>
</tr>
<tr>
<td>F2</td>
<td>500</td>
<td>D4</td>
<td>850</td>
</tr>
<tr>
<td>G2</td>
<td>630</td>
<td>E4</td>
<td>900</td>
</tr>
<tr>
<td>C3</td>
<td>550</td>
<td>G5</td>
<td>930</td>
</tr>
<tr>
<td>D3</td>
<td>620</td>
<td>F4</td>
<td>960</td>
</tr>
<tr>
<td>G4</td>
<td></td>
<td></td>
<td>1020</td>
</tr>
</tbody>
</table>

Cal.Date 22/03/2006  Serial #Demo
4. OPERATION (continued)

- To switch your V-RAD into forward and reverse, move the switch in the direction of the arrow that is shown in Figure 1.3.

- On the top of the V-RAD there will be a selector switch (shown in Figure 1.4) that will show a picture of a drill bit on the left side. *This is correct position for this switch* If the switch is moved to the left and a picture of a hammer is shown on the right, the gun is set improperly.

- On the handle of your V-RAD there will be a small button (shown in Figure 1.5) that is used as a trigger locking mechanism and has been locked out for your safety. *Do not try to push this button in and enable this mechanism—it will put the user at risk of injury.*

5. ACCESSORIES

- Use original RAD accessories only.

- To assist in selecting the correct accessories, make sure that you take a note of the exact model of your tool and contact your RAD dealer.

6. REPAIRS

- Repairs to tools should only be carried out by a qualified RAD Service Technician and if otherwise warranty of tool will be void.

- Any RAD power tool in need of repair can be sent to the address below. Please attach a description of the fault to the tool.
CONTACT INFORMATION

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