GE Gas Turbine
7F and 9F Rotor
Torque Tooling

Application
Torque tool kits used to break-out and make-up the GE large frame gas turbine marriage and turbine wheel joints.

Increased torque capacity and flexibility to work both frame 7 and frame 9 rotors make these tools preferred over the competitors.

Kit Options
• Full kits for either GE 7F or 9F
  – Marriage joint and turbine stages 1, 3
• Sub kits for either GE 7F or 9F
  – Marriage joint and turbine stages 1, 3 socket and reaction arm components
• Turbine stage 2–3 kits for either GE 7F or 9F
  – Turbine stage 2–3
    - Reaction ring with extended sockets

Kit Features
• Spline drives with replaceable stack-socket
• Heavy duty driver and stack socket for break-out
• Frame specific aircraft aluminium reaction arms
• Built-in lifting eyes
• Housing bushings ensure long life
• Heavy duty retractor
• Hex shaft anti-rotation to prevent stud rotation
  – Slide-lock release
  – Replaceable super alloy hex bit
  – Works with make-up socket assembly
  – Works with back-up wrench assembly
• Back-up wrench
  – Universal stack socket
  – Anti-rotation function on break-out
• Hydraulic torque pump options
  – Air or electric, 115V or 220V options
  – 50Hz or 60Hz (electric model)
  – Heat exchanger-standard (electric model)
  – Skid bar–standard

Kit Part Number*  Description
KASGA0046414  GERT-30-9F marriage joint tool kit with air console
KASGB0046415  GERT-30-9F marriage joint tool kit with 220 VAC console
KASGC0046416  GERT-30-9F marriage joint tool kit with 115 VAC console
KASGD0046417  GERT-30-7F marriage joint tool kit with 220 VAC console
KASGE0046418  GERT-30-7F marriage joint tool kit with 115 VAC console
KASGJ0048401  GERT-30-9F marriage joint sub-kit socket set in box
KASGF0048399  GERT-30-7F marriage joint sub-kit socket set in box
KASGK0048402  GERT-30-9F turbine stage 2-3 socket set with reaction ring
KASGH0048400  GERT-30-7F turbine stage 2-3 socket set with reaction ring
* For individual components, see other side

Further details can be obtained from your local Hydratight representative or via the website hydratight.com.
## Individual Components

<table>
<thead>
<tr>
<th>Full Kit Turbine Stage 2–3</th>
<th>Sub-kit</th>
<th>Qty</th>
<th>Item</th>
<th>Description</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td>✔</td>
<td>1</td>
<td>WSCRSLKN91</td>
<td>Knack 91 drop front w/inserts 30 x 72</td>
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<tr>
<td>✔</td>
<td>✔</td>
<td>2</td>
<td>RSL-GERT-30</td>
<td>Assembly-Hydraulic wrench 28,000 ft lbs</td>
<td>RSL-GERT30</td>
<td>Assembly-Hydraulic wrench 28,000 ft lbs</td>
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<tr>
<td>✔</td>
<td>✔</td>
<td>2</td>
<td>GERT-AR7FAM</td>
<td>Assembly-Reaction arm 7FA marriage</td>
<td>GERT-AR9FAM</td>
<td>Assembly-Reaction arm 9FA marriage</td>
</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>10</td>
<td>GERT-HB-100</td>
<td>1&quot; Hex bit for hex shaft 1-1/8&quot;  Hex bit for hex shaft</td>
<td>GERT-HB-102</td>
<td>1-1/8&quot; Hex bit for hex shaft</td>
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<tr>
<td>✔</td>
<td>✔</td>
<td>2</td>
<td>GERT-AHS7</td>
<td>Short hex shaft assy 4.5&quot; (back-up)</td>
<td>GERT-AHS9</td>
<td>Short hex shaft assy 4.5&quot; (back-up)</td>
</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>2</td>
<td>GERT-RR7FST2</td>
<td>Reaction ring – 7Fa turbine stage 2–3</td>
<td>GERT-RR9FST2</td>
<td>Reaction ring – 9Fa turbine stage 2–3</td>
</tr>
<tr>
<td>✔</td>
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<td>2</td>
<td>GERT-MS7FST2</td>
<td>Reaction bushing – 7Fa turbine stage 2–3</td>
<td>GERT-MS9FST2</td>
<td>Reaction bushing – 9Fa turbine stage 2–3</td>
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<tr>
<td>✔</td>
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<td>2</td>
<td>GERT-RS7FST2</td>
<td>Reaction socket 2-3/8&quot; 12 pt turbine stage 2–3</td>
<td>GERT-RS9FST2</td>
<td>Reaction socket 2-15/16&quot; 12 pt turbine stage 2–3</td>
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<tr>
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<td>GERT-HS7FST2</td>
<td>Hex shaft – 12&quot; long turbine stage 2–3</td>
<td>GERT-HS9FST2</td>
<td>Hex shaft – 12&quot; long turbine stage 2–3</td>
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<tr>
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<td>✔</td>
<td>2</td>
<td>NA</td>
<td></td>
<td>GERT-AR9FST2</td>
<td>Reaction arm stage 2</td>
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<tr>
<td>✔</td>
<td>✔</td>
<td>1</td>
<td>*Hydraulic pump: air or electric, 115V or 220V, 50Hz or 60Hz</td>
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