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Document number	123GB-1005
Document name	RAPTOR 90° TORQUE SETTINGS

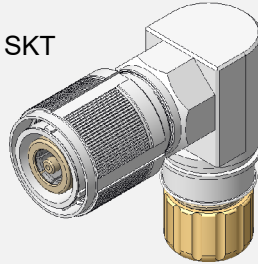
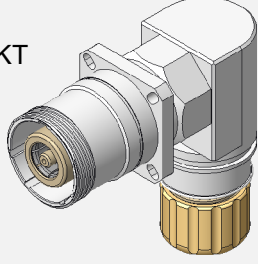
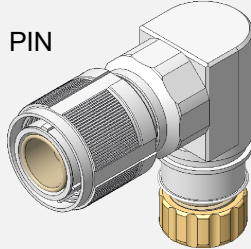
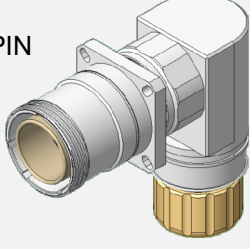
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Scope

The scope of this document is to describe the customer assembly process for Raptor 90° plugs (00XXXX-1XXC) and Receptacles (06 XXXX-1XXC) Pin and Socket

Supporting documents	
Document number	Document name

Document Traceability			
Issue No	RN/ECN number	Date	Initials
1	RN31245	09/02/2026	BK

Build Overview	
<p>SKT</p> 	<p>SKT</p> 
<p>PIN</p>  <p>RAP-06XXXX-XXXC</p>	<p>PIN</p>  <p>RAP-00XXXX-XXXC</p>

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123GB-1005 refers to product part number family RAP-0XXXXX-1XXC

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Key Points with reference to this assembly.

1. This document details all torque values for Raptor 90°.
2. Unless specified on deviation drawings, please adhere to standard process (tightening method / torque value).
3. Refer to the catalogue for part number breakdown.
4. See page 1 for variant types and reference views.

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10 Torque Values - Receptacles and Plugs to 90° Backshells



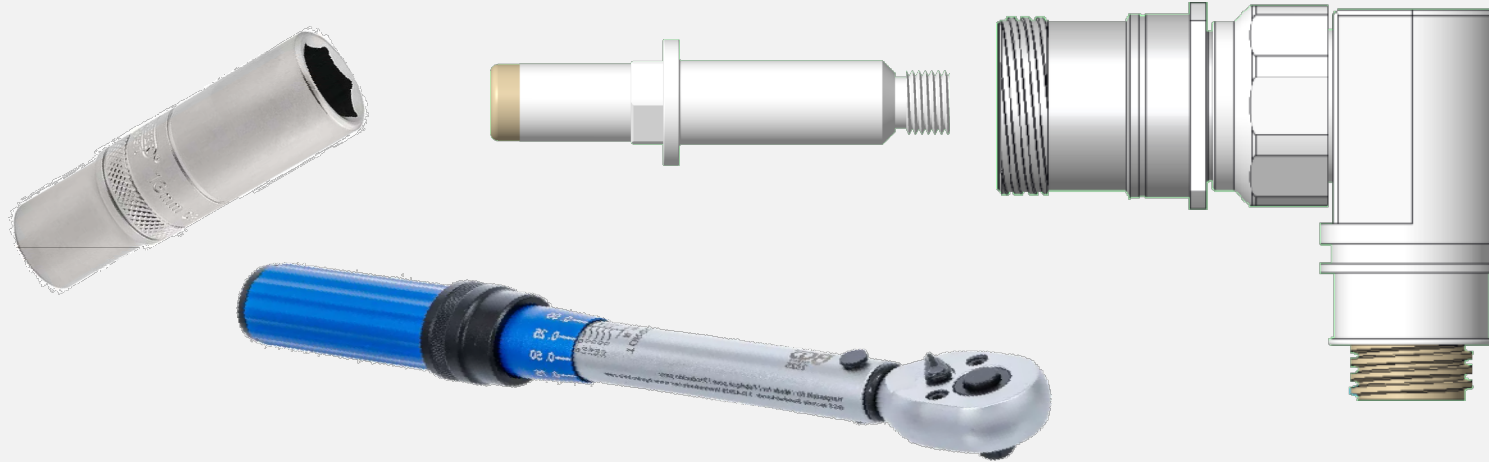
Suitable range, calibrated torque wrench. 1/2" drive.

Part Numbers	Tools	Torque Value
RAP-XXXX15-1XXC	Sealey - AK5988 -Crow's Foot Adjustable Wrench	7 Nm
RAP-XXXX17-1XXC	Sealey - AK5988 -Crow's Foot Adjustable Wrench	10 Nm
RAP-XXXX19-1XXC	Sealey - AK5988 -Crow's Foot Adjustable Wrench	14 Nm
RAP-XXXX21-1XXC	Sealey - AK5988 -Crow's Foot Adjustable Wrench	17 Nm
RAP-XXXX23-1XXC	Sealey - AK5988 -Crow's Foot Adjustable Wrench	20 Nm
RAP-XXXX25-1XXC	Sealey - AK5988 -Crow's Foot Adjustable Wrench	21 Nm

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Receptacle & Plug (All styles) Pin Contact to Backshell Contact



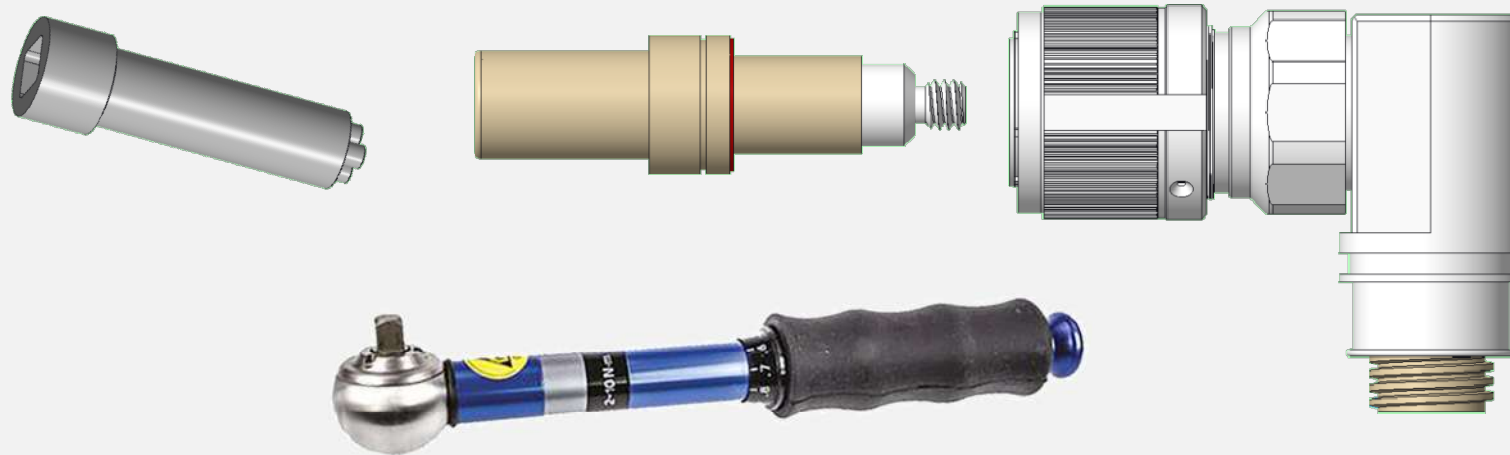
Suitable range, calibrated torque wrench. 3/8" drive.

Part Numbers	Tools	Torque Value
RAP-XXXX15-1XXC	Draper 50193 Deep Socket Set - 8mm	5 Nm \pm 1
RAP-XXXX17-1XXC	Draper 50193 Deep Socket Set - 10mm	10 Nm \pm 1
RAP-XXXX19-1XXC	Draper 50193 Deep Socket Set - 12mm	10 Nm \pm 1
RAP-XXXX21-1XXC	Draper 50193 Deep Socket Set - 13mm	19 Nm \pm 1
RAP-XXXX23-1XXC	Draper 50193 Deep Socket Set - 15mm	28 Nm \pm 1
RAP-XXXX25-1XXC	Draper 50193 Deep Socket Set - 19mm	28 Nm \pm 1

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Receptacle & Plug (All styles) Socket Contact to Backshell Contact



Suitable range, calibrated torque wrench. 1/4" drive or fitted with a 1/4" adapter

Part Numbers	Tools	Torque Value
RAP-XXXX15-1XXC	294GB-5089-15	5 Nm ± 1
RAP-XXXX17-1XXC	294GB-5089-17	10 Nm ± 1
RAP-XXXX19-1XXC	294GB-5089-19	10 Nm ± 1
RAP-XXXX21-1XXC	294GB-5089-21	19 Nm ± 1
RAP-XXXX23-1XXC	294GB-5089-23	28 Nm ± 1
RAP-XXXX25-1XXC	294GB-5089-25	28 NM ± 1

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