



MARCH 2008

DM0718

DP310 Pumps and Repair Parts

SUBJECT: JCB 444 SERIES DIESEL ENGINES FOR OFF ROAD APPLICATIONS

1. INTRODUCTION

Delphi Diesel Aftermarket is pleased to announce the launch of the DP310 Pumps and Repair Parts fitted to JCB 444 series diesel engines. The pump is based on the DP210 design. The engines will be capable of meeting Tier 3 'Off Highway' emission legislation and when required DP310 pumps can have component capability with low aromatic, ULSD (ultra low sulphur diesel) + Bio-Diesel to \leq B20 (warranted to a level of 5%).

2. ENGINE APPLICATIONS

Engine Type	Rating	Fuel Pump	JCB No	Injector	Working Pressure	Nozzle
JCB TC 444	63kw @ 2200rpm	9520A100G	320/06703	B05501A	210bar	L331PBA
JCB TC 444	68kw @ 2200rpm	9520A110G	320/06702	B05501A	210bar	L331PBA
JCB TC 444	85kw @ 2200rpm	9520A130G	320/06701	B03903A	210bar	L334PBA
JCB TCA 444	74.5kw @2200rpm	9520A230G	320/06725	B05502A	210bar	L330PBA
JCB TCA 444	74.5kw @2200rpm	9520A230H	320/06726	B05502A	210bar	L330PBA

3. TOOLING

The following table shows the Delphi test equipment that is required for testing DP310 pumps. All workshops taking on DP310 repair must own this equipment.

Part Number	Description	
YDT262	Stand-Alone DP210 / DP310 Dynamic Timing Kit	
YDT263	DP210 / DP310 Transfer Pressure Adjuster	
YDT264	DP210 / DP310 Carriage Position Sensor Kit	
YDT265	DP210 / DP310 Throttle Lever Tool	

4. PRICING

The following table contains prices for new parts which are fitted to JCB engines:

Part Number	Description	Delphi Pack Qty	MOQ Per Pack	
7189-100DJ	Cam & Scroll Kit	1	1	
7189-100DN	Cam & Scroll Kit	1	1	
7189-100DP	Cam & Scroll Kit	1	1	
7189-100DY	Cam & Scroll Kit			
7189-874K	Hyd Head, Rotor & M/Valve	1	1	
7189-947K	Hyd Head, Rotor & M/Valve			
7189-770HQ	Torque Trimmer Cam	1	1	
7189-770HZ	Torque Trimmer Cam	1	1	
7189-770HW	Torque Trimmer Cam	1	1	
7189-770JA	Torque Trimmer Cam			
7189-770JF	Torque Trimmer Cam			
7189-770JJ	Torque Trimmer Cam			

5. DP310 SUPPORT LITERATURE

Diesel Information Advance Note – DT5216

Diesel Information Service Instruction Note – DT423

Workshop Manual DDNX184

Parts Lists and Test Plans are available on Direct Evolution DVD – DDRX207

6. WARRANTY AND SERVICE ARRANGEMENTS

Please refer to Diesel Information Advance Note DT5216 for Warranty and Service arrangements.

7. TO ORDER

Orders for all the parts detailed in this note should be placed by contacting the Customer Services Department. If you require any further information then please contact your Area Sales Manager or Territory Manager, Marty Kemp or Kevin Morris 095254300.