



**ENGINE SUPPORT**

**2009**

**ACCESSORIES CATALOG**

# ENGINE SUPPORT

*New and featured Engine Support Equipment to aid in maintenance and repair of your Rolls Royce 250 series engine*



For more information or to place an order, contact:  
DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:  
[www.DARThelicopterservices.com](http://www.DARThelicopterservices.com)



## Engine Tooling

### Rolls Royce 250 Engine Stand

The Rolls Royce engine stand constructed from heavy duty steel tubing is used to mount the complete engine or the gearbox alone. Three inch diameter wheels allow for safe and easy movement throughout your work area. Machined, solid metal parts are used in the engine rotating system for strength and durability.

- Rotates engine 360 degrees
- Caster wheels with locks
- Compatible with RBT18700-A C47 adapters and RBT18701 Drip Pan

RBT18700



### Engine Stand C47 Adapters

These adapters allow use of the RBT18700 engine stand with the C47 engine.

RBT18700-A



### Gearbox Drain Tool for C40B Series

RBT18713



### Oil Sump Straightening Tool

The RBT18524 allows for straightening of the 7 & 8 bearing sump mounting plate.

- Allows user to straighten the sump rather than replace

RBT18524



ENGINE TOOLING				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
RBT18700	Rolls Royce 250 Engine Stand	250 Series engines C18,C20,C28,C30,C40 & C47 with purchase of RBT18700-A adapters.	C18-C47	\$1,783
RBT18700-A	Engine Stand C47 Adapters		C47	\$230
RBT18713	Gearbox Drain Tool for C40B Series		Rolls Royce C40B	\$252
RBT18524	Oil Sump Straightening Tool		Rolls Royce 250 Series	\$302

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ROLLS ROYCE TOOLS		
Part Number	Product Description	Price (USD)
RBE2-10-1	FUEL SYSTEM CARTRIDGE REMOVAL TOOL	\$86
RB6793504	SEAL INSTALLATION KIT C-30 (10 TOOLS)	\$3,781
RB6795586	COMPRESSION REAR BRG. RET. SPANNER	\$671
RB6795588	WRENCH-HOLDING, 32/64 PITCH 24 TOOTH SPLINE	\$525
RB6795590	PULLER-BRG-GAS PROD. & POWER TURBINE	\$1,937
RB6795594	FIXTURE-ASSEMBLY, COMP ROTOR	\$910
RB6795596M	COMPRESSION ROTOR DIS-ASSY. TOOL C20/C20B	\$1,409
RB6795597	SPANNER WRENCH	\$663
RB6795614	PLR/PSHR IDLER GEAR SUPT SHFT	\$299
RB6795633	ATTACHING GAS PRODUCER	\$1,049
RB6795635	INSTL/REM GAS PROD. TRBN TIE BOLT NUT WRENCH	\$503
RB6795637	ADAPTER	\$663
RB6795645	POWER TURBINE REAR BRG. PULLER	\$2,588
RB6795646	SEP. POWER TURBINE & GAS PROD TURB SUPT PUSHER	\$943
RB6795966	COMPLETE DISASSEMBLY	\$2,175
RB6795969	HLDR TORQUEMETER SHAFT SUPPORT	\$374
RB6795974	TORQUE METER SHAFT ALIGNMENT TOOL	\$1,147
RB6795984	POWER TURBINE HOLDER SHAFT	\$454
RB6795985	WRENCH-PWR TURBINE SHAFT BALL BRG. RET NUT	\$687
RB6795990	DUMMY BEARING PWR TURB SHAFT FRONT	\$395
RB6795992	GAS PRODUCER TURBINE REAR DUMMY BEARING	\$256
RB6795993	JOINING AND SEPERATING, PWR.	\$348
RB6796918	INSTL. TURBINE & EXH COLCT SUPT. OIL BELLOWS SEAL DFT	\$1,007
RB6796920	OIL JET, GAS GENERATOR BRG. PULLER	\$428
RB6796922	PSHR, INST. PWR TURB BALL BRG	\$797
RB6796930	ACC GEAR BOX INSTL PLATE	\$1,409
RB6796941	SEALS REPLACEMENT KIT, ACC. GEAR BOX	\$3,683
RB6796946	INSTL & REM. ACCESSORY G/BOX BRGS. DRIFT	\$230
RB6796947	DRIFT INST. & REM. ACC METER B	\$213
RB6796948	DRIFT INST/REM ACC GBOX	\$213
RB6796949	ACCESSORY G/BOX BRGS. INSTALLATION DRIFT	\$219
RB6796950	ACCESSORY GEAR BOX BRG. PULLER KIT	\$4,681
RB6796952	FWD. BRG. & SEAL COMPRESSOR PULLER	\$623
RB6796963	C-20 ENGINE LIFT	\$251
RB6796966	RETAINING RING FUEL CTRL DRIVE BRG. PLIERS	\$405
RB6798045	HOLDING GAS PRODUCER TURBINE WRENCH	\$616
RB6798046	WRENCH-BRG. LOCKNUT, GAS PRODUCER	\$288
RB6798047	WRENCH-OIL SUMP, TURBINE	\$448
RB6798089	TURBINE STAND (PROPRIETY DESIGN)	\$2,288
RB6798292	WRENCH GROUND IDLE SCREW ADJUSTING	\$176
RB6798292-B	HINGED WRENCH WITH 5/16 BOX END FUEL CONTROL REMOVAL	\$203
RB6798796	DAMPER VIBRATION COMPR FRT BRG. DRIFT	\$219
RB6798803	COMPR. REAR LABYRINTH ROTATING SEAL DRIFT	\$239
RB6798807	COMP. LUBE OIL FILTER POPP VAL	\$653
RB6798838	GAS PROD. TURB TIE BOLT	\$803
RB6798845	TURBINE 2ND STAGE SPLINE ADAPTER	\$525
RB6798860	PULLER-LUBE OIL FILTER CAP	\$738
RB67988927	COMP. IMPELLER ASSY	\$917
RB6798928	SEAL PULLER	\$318
RB6799518	GAS PRODUCER BALL BRG. & LABYRINTH SEAL PULLER	\$458
RB6799700	PULLER-VIBRATION DAMPER, COMP FRONT BRG	\$2,513
RB6799790	ENGINE TURNING ADAPTER	\$382
RB6799953	INSTL. COMPR. SCROLL TO AIR DUCT CLAMP	\$385
RB6799954	PWR. TURBINE OUTER COUPLING NUT HOLDER	\$910
RB6799955	FIXTURE-ASSEMBLY TURBINE	\$2,864
RB6799973	PULLER SEAL TURBINE BELLOWS TYPE	\$843
RB6851348	GEARBOX ADAPTER	\$2,315
RB6872176	PULLER SEAL ASSEMBLY OIL BELLOWS	\$412
RB6872477	SPANNER POWER TURBINE COUPLING INNER NUT WRENCH	\$335
RB6872533	INSTALLATION & REMOVAL COMPRESSION TIE BOLT	\$811



## Engine Tooling

ROLLS ROYCE TOOLS		
Part Number	Product Description	Price (USD)
RB6872534	ALIGNING COMPRESSOR ROTOR FIXTURE	\$1,050
RB6872543	PUSHING TOOL, INNER RACE BEARING #7	\$1,661
RB6872550	COMPR. ROTOR COUPLER ADAPTER HOLDER	\$828
RB6872746	PLR, PWR TRAIN DRIVE GEAR BRG	\$535
RB6872832	COMPRESSOR ADAPTER COUPLING PULLER	\$964
RB6872882	PULLER -TURBINE FRONT (NO. 5) BEARING	\$3,277
RB6872927	REDUCTION GEAR FLANGED STUD WRENCH	\$316
RB6886201	GEARBOX ASSY	\$1,011
RB6886204	BLEED VALVE WEDGE, COMPRESSOR PROTECTION	\$64
RB6889888	C-30 ENGINE LIFT	\$322
RB6889889	BRG. PWR TURB & COMP PULLER	\$1,673
RB6889890	PULLER-COMPRESSOR REAR BRG OUTER RING	\$1,472
RB6889893	PWR TURB SPANNER NUT	\$540
RB6889894	SPLINED POWER TURBINE HOLDER	\$657
RB6891351	WRENCH	\$615
RB6891358	TURBINE UNIT LIFT ASSY.	\$490
RB6891850	DRIFT-INSTL TUR, SEAL ASSY	\$621
RB6893358	WRENCH, INST. & REM.GAS PROD TURB FRT. BRG. RET. NUT	\$416
RB6893359	PUSHER, SEPARATING PWR TURB & GAS PROD. TURB SUPTS	\$595
RB6893360	COMPRESSOR FIXTURE ASSEMBLY	\$2,537
RB6893361	POWER TURBINE COUPLING INR. RACE PULLER	\$874
RB6893366	INT. CLEARANCE HELICAL DRIVE GEAR ASSY. GAGE	\$1,294
RB6893367	INTERNAL CLEARANCE HELICAL DRIVE GEAR ASSY. GAGE	\$1,202
RB6893376	ATTACHING GAS PRODUCER TURBINE ASSY FIXT. ADAPTER	\$1,114
RB6893377	BEARING PRESS	\$1,131
RB6893379	DRIFT, POWER TRAIN DRIVE GEAR BEARINGS	\$253
RB6893383	FIXTURE, COMPRESSION AXIS ALIGNMENT	\$2,710
RB6893385	GUIDE, POWER TAKEOFF ROLLER BEARING	\$824
RB6893387	WRENCH, SPANNER TORQUE METER SHAFT NUT	\$327
RB6893389	PLATE, BEARING PULLER TORQUEMETER ROLLER	\$609
RB6893390	TQMTR. SUPT. SHAFT RLR. BRG. DRIFT	\$144
RB6893391	BEARING PULLER TORQUEMETER PISTON ASSY. PLUG	\$144
RB6893392	BEARING PULLER PLATE	\$934
RB6893397	INSTL. FUEL PUMP SPLINED ADAPTER BRG. DRIFT	\$144
RB6893398	PLATE, BEARING PULLER POWER TAKEOFF SHAFT FRONT	\$1,582
RB6893399	PLATE, BEARING PULLER, POWER TAKEOFF SHAFT REAR	\$672
RB6893501	DRIFT-SPUR ADAPTER GEARSHAFT	\$122
RB6893504	PUSHER SEAL INSTALLATION SEAL SUPPORT	\$255
RB6893505	PUSHER SEAL	\$326
RB6893506	SEAL INSTL. TACHOMETER PUSHER	\$359
RB6893507	SEAL INSTL. POWER TURBINE PUSHER	\$1,053
RB6893508	SEAL INSTL. FUEL PUSHER	\$547
RB6893509	SEAL INSTL./ STARTER GENERATOR SUPPORT PUSHER	\$495
RB6893511	BEARING REMOVAL PLATE	\$529
RB6893512	DRIFT BRG. IDLER & CENT BREATHER	\$144
RB6893514	DRIFT BRG. FUEL PUMP STRT. GENERATOR	\$144
RB6893515	PLATE, PULLER 12MMx37MMx12MM BRG. ACCES. GEAR BOX	\$559
RB6893517	PLATE, PULLER 12MMx28MMx8MM BRG. ACCES. GEAR BOX	\$663
RB6893518	DRIFT, 12MMx37MMx12MM & 12MMx28MMx8MM BRGS.	\$160
RB6893520	DRIFT TACH. & GOV. GEARSHAFT	\$144
RB6893521	PLATE, 15MMx42MMx13MM BRG. PULLER, ACCESS GEAR BOX	\$672
RB6893522	BRG. IDLER GEARSHAFT DRIFT	\$144
RB6893523	PLATE, PULLER OIL PUMP SHAFT BEARING	\$634
RB6893525	PLATE, INSTALLATION ACCESS GEAR BOX BEARINGS	\$2,582
RB6893526	PLIERS, RETAINING RING, FUEL PUMP-FUEL CTRL DRIVE BRG.	\$250
RB6893532	F&R BRG. POWER TAKE OFF DRIFT	\$189
RB6893535	COMP. CARBON SEAT RET	\$566
RB6893536	DRIFT, STARTER GENERATOR GEARSHAFT FRONT END	\$253
RB6893537	TORQUEMETER SUPPORT SHAFT DRIFT	\$144
RB6893538	PULLER-NO. 2 1/2 BEARING INNER RACE	\$1,581

## Engine Tooling

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ROLLS ROYCE TOOLS		
Part Number	Product Description	Price (USD)
RB6893708	HOLDER POWER TURBINE	\$1,022
RB6893724	PLATE, BEARING PULLER TORQUEMETER PISTON	\$634
RB6893728	PUSHER-SEAL INSTALLATION FRONT SPARE PAD	\$508
RB6893734	COMP. REAR BEARING WRENCH	\$578
RB6893735	DRIFT-COMPRESSOR REAR LABYRINTH	\$158
RB6893736	ALIGNING COMP. ROTOR	\$735
RB6893739	PULLER-REAR COMP BRG OIL SLINGER & SEAL	\$1,443
RB6895538	PRESS-GAS PRODUCER TURB ROT	\$935
RB6895957	GEARBOX TUBE ALIGN TOOL	\$785
RB6895995-3	FIXTURE-ALIGN COMPRESSOR ROTOR (2 PIECE)	\$753
RB6897513	PULLER-GAS PRODUCER LABYRINTH SEAL	\$304
RB6897885	PLUG-ALIGN CHECK, FRT SUPPORT BRG HSG BORE	\$343
RB6898257	PLATE-ALIGN CHECK, FRT SUPPORT BRG BORE	\$559
RB6898258	PLATE ALIGN CHECK, FRT SUPPORT BRG BORE	\$2,096
RB6898260	PLATE, ALIGNMENT CHECK, FRT SUPT. BEARING BORE	\$1,121
RB6898261	PLUG, ALIGNMENT CHK FRT. SUPT. BEARING HOUSING BORE	\$350
RB6898418	KNURLED CUP	\$432
RB6899957	FUEL INJECTOR GAGE	\$559
RB6899966	FIXTURE-COMBUSTION LINER POSITIONING	\$326
RB6899985	EXTENSION	\$153
RB23002211	WRENCH REM & INST COMPRESSION BLEED VALVE	\$324
RB23002215	FUEL NOZZLE WRENCH	\$448
RB23003267	POWER TURBINE SUPPORT CLEANING KIT C-18, C-20 & C-28	\$167
RB23003284	TOOL SIZING COMBUSTION LINER	\$306
RB23005022	INR. PWR. TURB. SHFT.	\$1,077
RB23005023	PLR, BRG & SAL RING, FRONT COMPRESSOR	\$1,339
RB23005424	MANDREL	\$1,495
RB23005426	GUIDE - SPUR ADAPTER GEARSHAFT C-30	\$382
RB23006302	FIXTURE,PRESSURE.TEST, POWR TURBINE ROTOR	\$510
RB23006303	FIXTURE,PRESSURE.TEST, POWR TURBINE ROTOR	\$510
RB23006764	RETAINING RING GAGE	\$296
RB23006778	GUIDE BRG. SPUR ADAPTER GEARSHAFT (6872646) C-20	\$382
RB23006782	ADAPTER, TORQUE TURBINE ATTACH LOWER NUT	\$151
RB23006783	ADAPTER, TORQUE TURBINE ATTACH UPPER NUT	\$165
RB23006784	GUIDE INSTALL COUPLING TURBINE TO COMPRESSOR	\$251
RB23006785	SPUR ADAPTER GEAR INST. TOOL	\$465
RB23007615	POWER TURBINE SUPPORT CLEANING KIT C-30 & C-47	\$291
RB23007638	FUEL INJECTOR WRENCH	\$316
RB23008673	COMPR. ROTOR SPLINE ADAPTER	\$4,498
RB23008710	C40-C47 GAS PRODUCER TURBINE ROTOR HOLDER	\$133
RB23008725	DRIFT, NO. 5 BEARING INSTALLATION	\$641
RB23008741	NO. 2 BEARING BALL GUIDE	\$421
RB2300COMB	PWR TURBINE SUPT. CLEANING KIT C-20, C-30, C-40 & C47	\$385
RB23030169	GUIDE	\$174
RB23033026	NUT, CLAMP, COMP. ROTOR ASSEMBLY FIXTURE	\$203
RB23033027	PULLER-BRG & MATING SEAL RACE-FRT COMPRESSOR	\$1,091
RB23033028	FIXTURE-CHECKING-COMP. ROTOR TIE BOLT STRETCH	\$634
RB23033029	FIXTURE-ALIGNMENT-COMPRESSOR ROTOR FRT	\$1,228
RB23033030	DRIFT-INSTALLATION COMPRESSOR FRT BRG INR RACE	\$203
RB23033031	FIXTURE-HOLDING FRONT BRG. HOUSING	\$516
RB23033032	DRIFT-COMPR. FRONT BEARING OUTER RACE	\$184
RB23033033	DRIFT-GUIDED-COMPR FRONT BEARING RING SEAL	\$439
RB23033034	PULLER-COMPR FRONT BEARING OUTER RACE	\$1,107
RB23033035	PULLER-COMP FRONT BEARING RING SEAL	\$1,920
RB23033036	FIXTURE-SEPARATING COMPRESSOR ROTOR	\$3,077
RB23033037	HOLDER-COMPR ROTOR COUPLING ADAPTER	\$741
RB23034275	ADAPTER-PILOT, REAR COMPRESSOR BRG. PULLER	\$167
RB23034393	FIXTURE-ALIGNMENT COMPRESSOR SHROUD	\$868
RB23034394	FIXTURE-RETAINING COMPR ROTOR BALANCE	\$828
RB23055347	FIXTURE-INSPECTION FRT. COMP. SUPPORT ASSY.	\$965

## Engine Tooling

ROLLS ROYCE TOOLS		
Part Number	Product Description	Price (USD)
RB23058409	REAR PTO SEAL & SPACER	\$1,568
RB EMC35A-73-13.105	SHIMMING FIXTURE, .105"	\$127
RB EMC35A-73-13.256	SHIMMING FIXTURE, .256"	\$127
ENGINE SUPPORT EQUIPMENT		
Part Number	Product Description	Price (USD)
RBT18630	FORKLIFT CRANE ASSY	\$1,391.00
RBT18712	BEARING PULLER SET	\$1,003.00





**DART Helicopter Services, LLC**

P.O. Box 430, Piney Flats, TN 37686

**Sales Office**

1-800-556-4166 or 1-613-632-3336

Fax: 1-613-632-4443

Email: [sales@darthelicopterservices.com](mailto:sales@darthelicopterservices.com)

Prices shown in the catalog are in US dollars and are subject to change without notice.  
For more information on DART Helicopter Services and the most current pricing and product updates,  
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