

Warranty and fitting instructions for rebuilt engines

This engine carries a 6 month guarantee.

Any alteration, modification or dismantling of the engine in any way without prior permission from the Company will invalidate your warranty.

In addition to your statutory rights (which are not affected by this guarantee) we guarantee that should the engine fail, we will at our discretion either replace the unit, supply parts necessary to effect repairs or alternatively offer a refund.

This guarantee is for PARTS ONLY and does not cover engine removal labour, refitting costs or any other consequential loss howsoever incurred. This guarantee also applies to engines or parts replaced by the Company for the balance of the guarantee period.

In the event that you are dissatisfied with this engine for whatever reason upon fitting, the Company must be notified within 48 hours. The engine must be returned to the Company (unless otherwise agreed). Collection can be arranged. If a replacement is not available a full refund will be offered. In the event of any claim, this guarantee is not transferable and applies from the date of the original purchase.

Upon delivery please ensure that the engine is checked thoroughly before being signed for, as refunds are not always possible for goods that have been damaged whilst in transit. The words “unexamined” or “unchecked” on the delivery note are not acceptable. If goods prove to be damaged, DO NOT sign for them and contact us immediately.

Fitting instructions in order to validate your warranty :

1. The engine must be fitted by an acknowledged Rolls-Royce & Bentley specialist.
2. A new oil filter and correct oil must be fitted. Please contact us if you are unsure which oil is recommended.
3. Prove that the radiator has been replaced or at the least, been back flushed and pressure checked.
4. New anti-freeze added (we recommend OE anti-freeze)
5. We recommend that the oil pressure and coolant temperature senders are replaced
6. Confirm that none of the exhaust silencers are blocked.
7. When starting the engine for the first time remove the king lead and crank the engine until full oil pressure (40 – 50psi using an external gauge) is reached. Then run at steady rpm for 30 minutes continually monitoring oil pressure and coolant temperature.

8. After 500 miles of use replace the oil filter and oil.

Failure to follow this procedure will result in the guarantee being rendered null and void.

Engine failure or damage occurring directly or indirectly as a result of the following is NOT COVERED by the warranty:-

- a) Fault or failure of an ancillary component such as drive belt, radiator, water pump, turbo, fuel injection, ignition component, carburetter component etc.
- b) Incorrect fitting by a garage, motor engineer or individual
- c) Insufficient lubricant or coolant
- d) Where the vehicle has been used for motor sport
- e) Incorrect tuning or timing
- f) Fire or theft

Table 2

Model type	Rev/min	Timing	Fuel	Co idle speed	Co setting procedure	Fast idle speed
1965 to 1976. All cars produced before car serial number SRH 8742	Static 500	TDC 3° btdc Twin point distributor. Contact points set to 0.014 in to 0.016 in	99 RON	4 - 4.5% 600 rev/min	See TSD 2476 pages K20 to K21	1850 rev/min
1967 to 1976. All cars produced between car serial number SRH 8742 and SRD 22117	Static 800	TDC 5° btdc Single point distributor. Set dwell angle at idle to 26° to 28°	99 RON	4 - 4.5% 600 rev/min	See TSD 2476 pages K23 to K25	1850 rev/min
	Static 800	TDC 5° atdc	97 RON	4 - 4.5% 600 rev/min	See TSD 2476 pages K23 to K25	1850 rev/min
	Static 800	7° atdc 2° atdc	94 RON	4 - 4.5% 600 rev/min	See TSD 2476 pages K23 to K25	1850 rev/min
1967 to 1976. All cars produced after car serial number SRD 22118	1200	15° btdc	97 Ron	4 - 4.5% 600 rev/min	See TSD 2476 pages K23 to K25	1850 rev/min
1976 to 1981. Corniche and Camargue cars with	1850	25° btdc. Distributor vacuum	97 RON	0.2 - 0.5% 650 rev/min	ACU switched off and air cleaner/	1850 rev/min
Solex 4A1 carburetters (see note 3)	1650	20° btdc advance signal	94 RON		silencer fitted. See TSD 4200 pages	
	2350*	20° btdc. hose disconnected and blanked off	90 RON	2.5 - 3%	K5-1 to K5-22	
1976 to 1981. Corniche and Camargue cars with	1850	25° Distributor btdc vacuum	97 RON	0.2 - 0.5% 650 rev/min	ACU switched off and air cleaner/	1850 rev/min
Solex 4A1 carburetters (see note 4)	1650	advance signal hose	94 RON		silencer fitted. See TSD 4200 pages	
	2100*	disconnected and blanked off	90 RON	2.5 - 3% 650 rev/min	K5-1 to K5-22	
1976 to 1981. All Silver Shadow II, Silver Wraith II	1300	25° Distributor btdc vacuum	97 RON	1 - 4% 650 rev/min	ACU switched off 850 and air cleaner	- 900 rev/min.
and Bentley T2 from car serial number SRF 30001	2050	25° advance btdc signal hose	94 RON		silencer fitted On	ip of cam
equipped with 2 SU HIF 7 carburetters	2800	25° disconnected btdc and blanked off	90 RON		eng	ne hot
1976 to 1981. All Silver Shadow II, Silver Wraith II	2200	20° Distributor btdc vacuum	97 RON	1 - 4% 650 rev/min	ACU switched off 850 and air cleaner/	- 900 rev/min
and Bentley T2 from car serial number SRF 30001	2200	20° advance btdc signal hose	94 RON		silencer fitted. On	ip of cam
with suffix letter 'B' at the end of the serial number	2200	17° disconnected btdc and blanked off	90 RON		eng	ne hot
1976 to 1981. All Corniche and Camargue cars with	1200	15° Distributor btdc vacuum	97 RON	0.8 - 1.2% 600 rev/min	ACU switched off 185 and air cleaner/	rev/min
the Solex 4A1 carburetter (see note 2)	1700	15° advance btdc signal hose	94 RON		silencer fitted. See TSD 4200, pages	
	2200*	15° disconnected btdc and blanked off	90 RON	2.5 - 3% 600 rev/min	K5-1 to K5-22	
1981 to 1986. All Silver Spirit, Silver Spur and	Static	5° btdc	97 RON	2.5 - 3.5% 650 rev/min		
Bentley Mulsanne cars	2200	25° Hose from btdc vacuum			Remove air intake 850 and blank off hot	-900 rev/min
	650	6-10° capsule btdc disconnected and blanked off			idle compensator On drilling, replace air intake. Unscrew and remove the pressure tapping	ip of cam engine hot

	650	22-30° Hose from bt dc vacuum manifold to air intake sensor, disconnected at sensor and connected to vacuum capsule using additional length of hose			cap from weakening device	
1981 to 1986. All Silver Spirit, Silver Spur and Bentley Mulsanne cars	2200	21° Hose from bt dc vacuum	94 RON	2.5 - 3.5% 650 rev/min	Remove air intake 850 and blank off hot	- 900 rev/min
	650	2-6° capsule bt dc disconnected and blanked off			idle compensator On drilling, replace air intake. Unscrew and remove the pressure tapping	ip of engine hot
	650	10-18° Hose from vacuum manifold to air intake sensor disconnected at sensor and connected to vacuum capsule using additional length of hos			cap from weakening device	
1981 to 1986. All Silver Spirit, Silver Spur and Bentley Mulsanne cars	2200	17° Hose from bt dc vacuum	90 RON	2.5 - 3.5% 650 rev/min	850	- 900 rev/min
	650	2° capsule bt dc disconnected to 2° and blanked at dc off			Remove air intake On and blank off hot idle compensator eng drilling, replace air intake. Unscrew	ip of cam ne hot
	650	10-18° Hose from vacuum manifold to air intake sensor, disconnected at sensor and connected to vacuum capsule using additional length of hos			and remove the pressure tapping cap from weakening device	
1981 to 1986. All Corniche and Continental cars	Static	5° bt dc		0.2 - 0.5% 650 rev/min	ACU switched off 185 and air cleaner/	rev/min
	2100	20° Hose from bt dc vacuum	97 RON		silencer fitted	
	2100	20° capsule bt dc disconnected	94 RON			
	2100	16° and blanked bt dc off	90 RON			
1982 to 1986 Turbocharged motor cars	Static	4° ± .5° Basic setting bt dc	97 RON	0.1 - 0.3% 650 rev/min	Remove air chest cover and switch	1850 rev/min
	650-700	4° ± .5° Vacuum hose bt dc to distributo capsule disconnected and hose to carburetter blanked			off the ACU. Do not adjust the Co if exhaust extraction equipment has been used recently as a false reading will occur	
	650-700	4° ± .5° Carburetter bt dc throttle jack damper retracted and hose clamped			Ensure carburetter is balanced before and after setting Co%	
	2100 -	17° Approach				
	2200	this speed from a higher figure				
	2100 -	22° ± 2° Apply a				
	2200	further minimum of advance 457,2mm Hg (ie 17°+ (18.0 in Hg) 22° = 39° to the bt dc) distributor capsule				