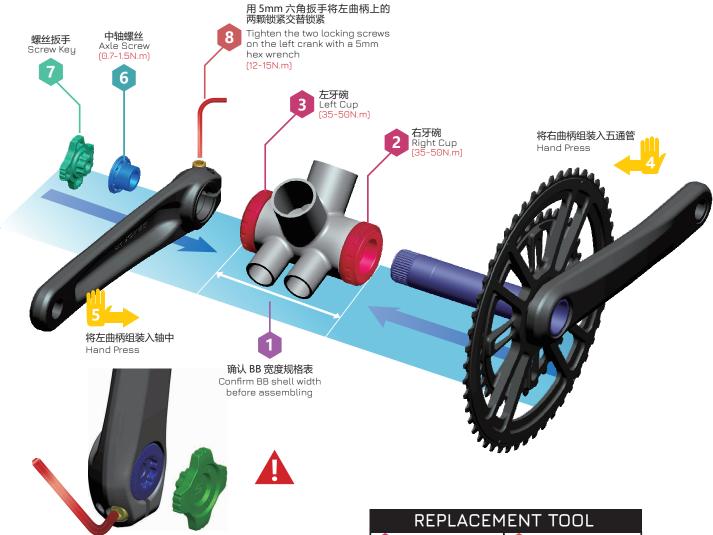
### BSA Ø24mm SPINDLE ASSEMBLY INSTRUCTIONS



骑行约 100 公里之后,请再次通过力矩扳手确认锁紧力矩为合适值,定 期确认锁紧力矩十分重要;在锁紧力矩变弱或未交替的锁紧时,则左曲 柄可能脱落,从而使骑车者跌倒而发生重伤。

After riding about 100 kilometers, please reconfirm the locking torq ue is appropriate value by the torque wrech again. It is very import ant to check and confirm the locking torque at regular intervals. Wh en the locking torque becomes weak or not alternately locked, the left crank may fall off and it might cause the cyclist fall from the bicycle and get serious injury.

# 8 5mm 六角扳手 专用工具 5mm hex wrench

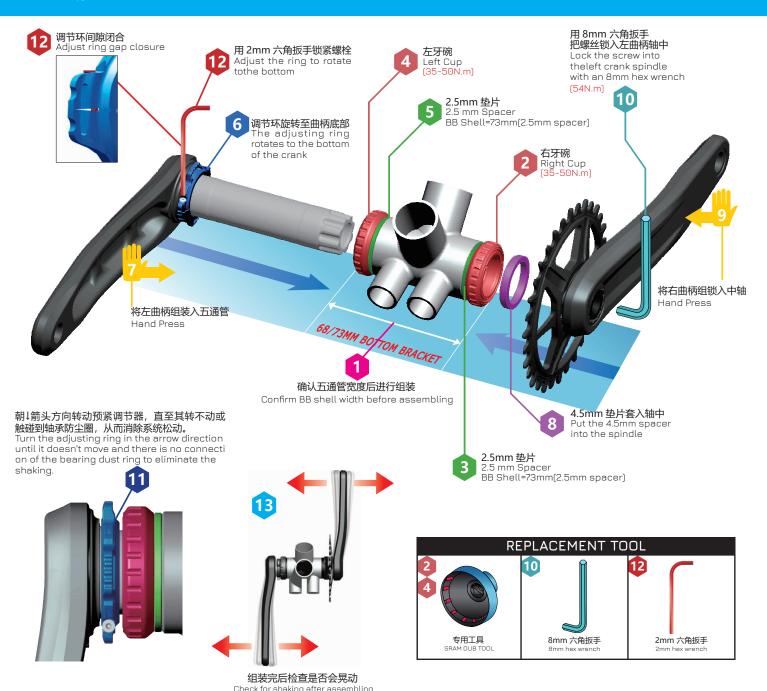
## INSTALLATION PROCEDURE

- 1 Confirm the BB Shell width before assembling
- 2 Screw the right cup into BB Shell and lock with special tool.(Right cup:antilockwise locking,locking torque:45-50 N.M.)
- 3 Screw the left cup into BB Shell and lock with special too.(Left cup:clockwise locking,locking torque:45-50 N.M.)
- 4 Insert the right crankset to the BB shell.
- [5] Insert the left crank to the axles of the right crankset.at the same time, the left crank and the right crankset should be 180 degrees in the opposite direction then lock in the axle screw to left end of the axle (Clockwise threads). At this moment, the groove of the left crank is the most widest.
- 👣 Use the attached locking tool to tighten the axle screw (Clockwise threads),please confirm the locking torque is 0.75-1.5N.M via the torque wrench.Don't use excessive force otherwise it won't be rotated smoothly.
- 8 Use 5mm hex wrench to tighten the left crank locking screws.for the two left crank locking screws.do not tighten them for one time from one side tighten them alternatively from one side and please confirm the locking torque of the hex wrench is 12-15 N.M. 🔞 🛕

Ø24MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET SPACER	U	J
124MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET SPA	Ω	_
124MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET SPA	L	
124MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET SPA	7	5
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET S	_	י
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET S	<	L
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET	Ω	
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRACKET	"	٦
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRA	U	1
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRA	$\vdash$	
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRA		1
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRA	۲	7
24MM CHROMOL SPINDLE CRANKSET BOTTOM BRA	¥	Ę
24MM CHROMOL SPINDLE CRANKSET BOTTOM B	C	J
24MM CHROMOL SPINDLE CRANKSET BOTTOM B	<	٢
24MM CHROMOL SPINDLE CRANKSET BOTTOM B	$\overline{}$	>
24MM CHROMOL SPINDLE CRANKSET BOTTOM		=
24MM CHROMOL SPINDL	П	
24MM CHROMOL SPINDL		
24MM CHROMOL SPINDL	>	
24MM CHROMOL SPINDL		5
24MM CHROMOL SPINDL		J
24MM CHROMOL SPINDL		-
24MM CHROMOL SPINDL	H	5
24MM CHROMOL SPINDL		1
24MM CHROMOL SPINDL		3
24MM CHROMOL SPINDL	П	J
24MM CHROMOL SPINDL		
24MM CHROMOL SPINDL		7
24MM CHROMOL SPINDL	Ц	J
24MM CHROMOL SPINDL	C	٦
24MM CHROMOL SPINDL	Č	ز
24MM CHROMOL SPINDL	_	7
24MM CHROMOL SPINDL		
24MM CHROMOL SPINDL	4	9
24MM CHROMOL SPINDL	<u> </u>	- 1
24MM CHROMOL SPINDL	< < 0	
24MM CHROMOL SPINDL	< 0	
24MM CHROMOL SPINDL	\ C	[ ]
24MM CHROMOL SPINI		
24MM CHROMOL SPINI	ے د د د	
24MM CHROMOL	2 0 0 1	
24MM CHROMOL	_	
24MM CHROM		
24MM CHROM		
24MM CHROM		
24MM CHR		
24MM CHR		
24MM CHR		
24MM CH		
24MM CH		
24MM (		
24MM (		
24MM (		
Ø24MM		
Ø24MN		
Ø24M		
024		
024		
0		
Ø		

	400							
Frame Shell Connector	Crankset	BB Model	Frame Shell Connector	Frame Shell Width (MM)	Outer Left Spacer (MM)	Inner Left Spacer (MM)	Inner Right Spacer (MM)	Outer Right Spacer (MM)
	МТВ	MTB BB-BSA24M	BSA	68	1	2.5	2*2.5	1
and the second s				73	1	1	2.5	1
	МТВ	BB92-24M	PressFit	89.5	1	1	2.5	1
				92	1	1	1	1
Section Section 1	МТВ	PF30-24M	PressFit30	73	1	1	1	I
	МТВ	BB30-24M	BB30	73	1	1	1	1
A NEX	МТВ	T47-73-24M	T47	73	1	1	1	I
	МТВ	T47-91-24M	T47	91	1	1	1	1
	ROAD GRAVEL	BB-BSA24R	BSA	68	1	1	1	1
	ROAD GRAVEL	BB86-24R	PressFit	86.5	1	1	1	1
	ROAD GRAVEL	PF30-24R	PressFit30	68	1	1	1	1
	ROAD GRAVEL	BB30-24R	BB30	68	1	1	1	1
	ROAD GRAVEL	BB386-24R	BB386	86.5	1	1	1	I
Services	ROAD GRAVEL	T47-68-24R	T47	68	1	1	1	1
SENICE IN LEGISLATION	ROAD GRAVEL	T47-77A-24R	T47	76.75	I	1	1	I
	ROAD GRAVEL	T47-85.5-24R	T47	85.5	1	1	1	1

### BSA Ø29mm SPINDLE ASSEMBLY INSTRUCTIONS



## INSTALLATION PROCEDURE

- 1 Confirm the BB Shell width before assembling
- 2 Screw the right cup into BB Shell and lock with special tool.(Right cup:antilockwise locking,locking torque:45-50 N.M.)
- 3 Screw the left cup into BB Shell and lock with special too.(Left cup:clockwise locking,locking torque:45-50 N.M.)
- f 4 Verify that the left crank adjustment ring is rotated to the bottom f 6
- 5 Insert the left crankset into the BB shell,insert the 4.5mm spacer into the right spindle.(Please refer to the specification before placing the spacer),Insert the right crank into the BB shell spindle with an 8mm hex wrench.and tighten the screw with 54NM. (Note:Insert the left crank and right crank via 180 degrees in the opposite direction)
- 6 Turn the adjusting ring on the left crank spindle follow the arrow until it does not move and there is no connection of the bearing dust ring to eliminate the shaking of the tooth plates.
- 7 Tighten the adjusting ring bolts with a 2mm hex wrench until there is no clearance of the adjusting ring. If there is still clearance of the adjusting ring, it is ok that only if the top of edge has connection with the bearing dust ring. (Do not over tighten the bolt, otherwise the bolt might be damaged)
- 8 After all the installation steps above, please check the crank is shaking or not.to shake the crank front and rear, if the crankset is shaking, remove it and add more grease for the spindle. Turn the adjusting ring in the arrow direction until it doesn't move. reinstallation to eliminate the shaking.

		0		0	5 (			
Frame Shell Connector	Crankset	BB Model	Frame Shell Connector	Frame Shell Width (MM)	Outer Left Spacer (MM)	Inner Left Spacer (MM)	Inner Right Spacer (MM)	Outer Right Spacer (MM)
		DD DCA20M		68	1	2.5	2.5	4.5
	МТВ	BB-BSA29M	BSA	73	1	1	1	4.5
L 4— French (0.5 1005) — 3 Pr	МТВ	BB89.5-29M	PressFit	89.5	1	1	1	4.5
Law Transfell 1000 — PR	МТВ	BB92-29M	PressFit	92	1	1	1	2
	МТВ	PF30-29M	PressFit30	73	1	1	1	4.5
	МТВ	BB30-29M	BB30	73	1	1	1	4.5
Service .	МТВ	T47-73-29M	T47	73	1	1	1	4.5
The second	МТВ	T47-91-29M	T47	91	1	1	1	3
	ROAD GRAVEL	BB-BSA29R	BSA	68	1	1	1	1
SENSEX Come Production (SEE SEE 1999)	ROAD GRAVEL	BB86-29R	PressFit	86.5	1	1	1	1
Service A	ROAD GRAVEL	PF30-29R	PressFit30	68	1	1	1	1
	ROAD GRAVEL	BB30-29R	BB30	68	1	1	1	1
STENSICX Le	ROAD GRAVEL	BB386-29R	BB386	86.5	1	1	1	1
	ROAD GRAVEL	T47-68-29R	T47	68	1	1	1	1
	ROAD GRAVEL	T47-77A-29R	T47	76.75	1	1	1	1
1	ROAD GRAVEL	T47-85.5-29R	T47	85.5	1	1	1	1