

TIPS AND TRICKS

iBSG Belts & Tensioners references

Part numbers

615000,615001,615002,615003,615004,615005
 615006,615007,615008,615009,615010,615011
 615012, 615013, 615014

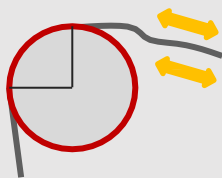


BELTS AND TENSIONERS FOR iBSG

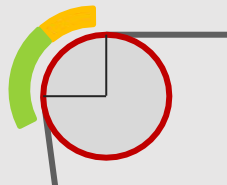
BEWARE

Actions to be done when you replace an **iBSG (Integrated Belt Starter Generator)**

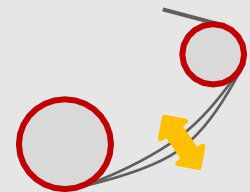
1. **Replace the belts** (primary belt and secondary belt). **This action is mandatory** to avoid issues after the iBSG replacement. Check the possible issues with a belt problem.



Belt slippage

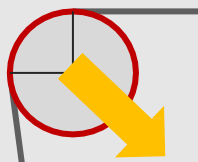


Belt wrap angle which sticks to the pulley

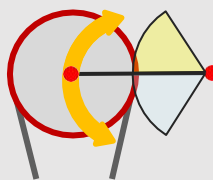


Belt displacement due to belt wrapping

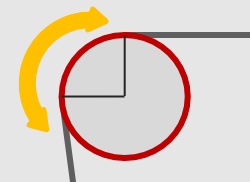
2. **Check the belt tensioner**, remember it works in two ways. Replace it if needed to avoid issues after the iBSG replacement. Check the possible issues with a tensioner problem.



Radial force applied on the pulley



Tensioner arm movement



Effective torque



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Table with O.E. references for primary belts, secondary belts and tensioners per Valeo iBSG

Valeo iBSG p/n	For Car Maker	Primary Belt*	Secondary Belt*	Tensioner*
615001, 615010	LAND ROVER	KPLA-8620-AB	KPLA-8620-BA	K8D2-6B209-AD
615004, 615000, 615005	JAGUAR, LAND ROVER	K8D2-8620-AA	JPLA-8620-HA	K8D2-6B209-AD
615003, 615012, 615014	VOLKSWAGEN GROUP	05E903159B	-----	05E903305F
615006	CITROËN	9838392880	-----	-----
615007, 615008	LAND ROVER	LPLA-8620-FA	LPLA-8620-CB	LPLA-6B209-EB
615009, 615011	JAGUAR, LAND ROVER	MX73-8620-CB	MX73-8620-HA	MX73-6B209-EA
615002, 615013	KIA	25212-2F320	-----	25281-2U302

*Belts and tensioners are not included in the Valeo iBSG box and are available in relevant car makers dealer network



These fitting instructions are designed for professional mechanics only.
 If you need to repair your own vehicle, Valeo recommends looking for a professional.
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