

## TIPS AND TRICKS

### iBSG Belts & Tensioners references

**Part numbers**

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

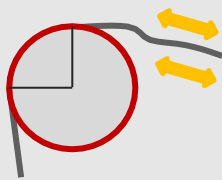


## BELTS AND TENSIONERS FOR iBSG

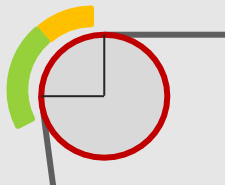
### Remember

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

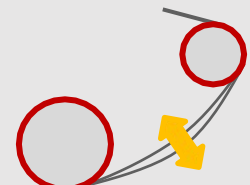
- 1. Replace the belts** (primary belt and secondary belt). **This action is mandatory** to avoid issues after the iBSG replacement. Check the possible issues with a belt problem.



Belt slippage

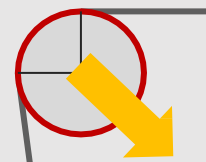


Belt wrap angle which sticks to the pulley

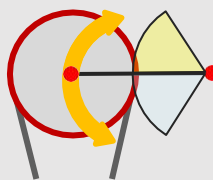


Belt displacement due to belt wrapping

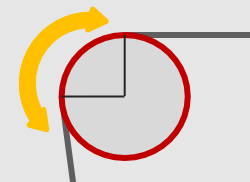
- 2. Check the belt tensioner**, remember it works in two ways. Replace it if needed to avoid issues after the iBSG replacement. Check the possible issues with a tensioner problem.



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	Car Maker	Primary Belt*	Secondary Belt*	Tensioner*
615001, 615010	JLR	KPLA-8620-AB	KPLA-8620-BA	K8D2-6B209-AD
615004, 615000, 615005	JLR	K8D2-8620-AA	JPLA-8620-HA	K8D2-6B209-AD
615003, 615012, 615014	VW / AUDI	05E903159B	----	05E903305F
615006	PSA	9838392880	----	----
615007, 615008	JLR	LPLA-8620-FA	LPLA-8620-CB	LPLA-6B209-EB
615009, 615011	JLR	MX73-8620-CB	MX73-8620-HA	MX73-6B209-EA
615002, 615013	HMC	25212-2F320	----	25281-2U302

\*Belts and tensioners are not included in the Valeo iBSG box



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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