

# **Component Procedures: Front Crankshaft Seal**

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# Component Procedures: Front Crankshaft Seal

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Front Crank Seal	12608750	29 - Front Crank Seal	11.59	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Crankshaft & Bearings > Front Crank Seal, R&R	B	1.3	0.0
Remove & Replace	Crankshaft & Bearings > Front Crank Seal, R&R?		0.3	

## Crankshaft Front Oil Seal Replacement (Article 12165)

### Special Tools

J 29184 - Oil Seal Installer

For equivalent regional tools, refer to Special Tools .

#### Removal Procedure

- Remove the crankshaft balancer . Refer to Crankshaft Balancer Replacement . Click for full-size image
- Use a flat-bladed tool in order to remove the crankshaft oil seal .

#### Installation Procedure

- Use the J 29184 - oil seal installer or equivalent to install the crankshaft front oil seal . Click for full-size image
- Install the crankshaft balancer. Refer to Crankshaft Balancer Replacement .