

Component Procedures: Timing Chain Idler Gear

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Component Procedures: Timing Chain Idler Gear

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Idler Gear > Right	12612838	14 - Camshaft Gear	100.07	
Idler Gear > Left	12612839	15 - Camshaft Gear	89.81	
Right	12612838	14 - Camshaft Gear	100.07	
Left	12612839	15 - Camshaft Gear	89.81	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	One	B	8.1	0.0
Replace	Both	B	8.2	0.0

Timing Chain Idler Sprocket Replacement - Left Side (Article 12207)

Removal Procedure

- Remove spark plugs . Refer to Gas Engine Ignition Spark Plug Replacement .
- Remove the engine front cover . Refer to Engine Front Cover Replacement .
- Remove the camshaft timing chain components. Refer to Camshaft Timing Chain Components Removal .
- Remove the left intermediate drive chain idler sprocket. Refer to Timing Chain Idler Sprocket Removal - Left Side . Click for full-size image

Installation Procedure

- Install the left intermediate drive chain idler sprocket. Refer to Timing Chain Idler Sprocket Installation - Left Side . Click for full-size image
- Install the camshaft timing chain components. Refer to Camshaft Timing Chain Components Installation .
- Install the engine front cover. Refer to Engine Front Cover Replacement .
- Install spark plug s. Refer to Gas Engine Ignition Spark Plug Replacement .

Timing Chain Idler Sprocket Replacement - Right Side (Article 12208)

Removal Procedure

- Remove spark plugs . Refer to Gas Engine Ignition Spark Plug Replacement .
- Remove the engine front cover . Refer to Engine Front Cover Replacement .
- Remove the right side secondary camshaft drive chain components. Refer to Camshaft Timing Chain Components Removal .
- Remove the primary camshaft drive chain components. Refer to Camshaft Timing Chain Components Removal .
- Remove the right intermediate drive chain idler sprocket. Refer to Timing Chain Idler Sprocket Removal - Right Side . Click for full-size image

Installation Procedure

- Install the left intermediate drive chain idler sprocket. Refer to Timing Chain Idler Sprocket Installation - Right Side . Click for full-size image
- Install the camshaft timing chain components. Refer to Camshaft Timing Chain Components Installation .
- Install the engine front cover. Refer to Engine Front Cover Replacement .
- Install spark plug s. Refer to Gas Engine Ignition Spark Plug Replacement .