

# **Component Procedures: Lifter / Lash Adjuster**

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# Component Procedures: Lifter / Lash Adjuster

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Valve Lifters	12572638	11 - Valve Lifters	20.19	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Cylinder Head & Valves > Valve Lifters, R&R >?	B	4.7	0.0
Remove & Replace	Cylinder Head & Valves > Valve Lifters, R&R >?	B	4.4	3.0

## Valve Lifter Replacement - Left Side (Article 12209)

### Removal Procedure

- Remove the applicable camshafts . Refer to Camshaft Replacement - Left Side . Click for full-size image
- Remove the rocker arms. Refer to Valve Rocker Arm Replacement - Left Side .
- Remove the lifters. Refer to Valve Lifter Removal - Left Side .
- Clean and inspect the camshafts, rocker arms and lifters. Repair or replace as necessary. Refer to Camshaft Cleaning and Inspection , Valve Rocker Arm Cleaning and Inspection and Valve Lifter Cleaning and Inspection .

### Installation Procedure

- Install the lifters. Refer to Valve Lifter Installation - Left Side . Click for full-size image
- Install the rocker arms. Refer to Valve Rocker Arm Replacement - Left Side .
- Install the applicable camshafts. Refer to Camshaft Replacement - Left Side .

## Valve Lifter Replacement - Right Side (Article 12210)

### Removal Procedure

- Remove the applicable camshaft (s). Refer to Camshaft Replacement - Right Side .
- Remove the rocker arms. Refer to Valve Rocker Arm Removal - Right Side .
- Remove the lifters. Refer to Valve Lifter Removal - Right Side . Click for full-size image
- Clean and inspect the camshaft(s) and the rocker arm(s) and lifters. Repair or replace as necessary. Refer to Camshaft Cleaning and Inspection and Valve Lifter Cleaning and Inspection and Valve Rocker Arm Cleaning and Inspection .

### Installation Procedure

- Install the lifters. Refer to Valve Lifter Installation - Right Side . Click for full-size image
- Install the rocker arms. Refer to Valve Rocker Arm Installation - Right Side .
- Install the applicable camshaft(s). Refer to Camshaft Replacement - Right Side .

## Valve Lifter Priming Caution (Article 13099)

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Caution:

Ensure each

valve lifter

is filled with clean engine oil and the valve

lifter

does not tip over (plunger down) before the installation of the valve lifters. The loss of oil in the valve lifter lower pressure chamber or the dry stroking/cycling of the valve lifter plunger will allow air to travel into the high pressure chamber of the valve lifter. Air in the high pressure chamber of the valve lifter may not be purged causing extensive engine component damage.