

## Cummins B/C Engines - Injector Installation Kits and Valve Cover Gasket

This bulletin combines and revises the information contained in previous **DIPACO** bulletins FI-57 (January 1999) and FI-64 (May 1999). **DIPACO** has developed a series of injector installation kits for the Cummins B and C series engines. The **DPE59010**, **DPE59020**, and **DPE59030** kits are designed for the installation of one injector to simplify stocking for either 4 or 6 cylinder engines. The **DPE59000** kit contains enough parts to install six injectors. Below you will find a contents listing of the various installation kits. The kits with only specific injector washer sizes, **DPE59011**, **DPE59012**, **DPE59013**, **DPE59021**, **DPE59022**, **DPE59023**, **DPE59031**, **DPE59032**, and **DPE59033** have been discontinued.

The basic injector installation kit, **DPE59000** or **DPE59010**, includes the o-rings, dust seal, and washers needed to install the injector. It includes three different sizes of nozzle washers to accommodate the various injector tips. The thin (1.5mm) 7mm inside diameter nozzle washer is used in all early B series engines (except 1991 automotive) and C series engines. The thick (2.5mm) 7mm inside diameter nozzle washer is used in 1991 B series automotive applications. The 5mm inside diameter washer is used in later B and C series engines. The **DPE59000** kit was revised to include the **D3909886** dust seal in all kits assembled after June 27, 2001.

**DPE59020** is an injector and valve cover installation kit. The kit includes the **DPE59010** kit plus the valve cover gasket and the noise isolator which is installed on the top of the valve cover. Early versions of the engines used an o-ring seal, **D3910824**, around the valve cover hold down screw instead of the **D3928406** noise isolator. Also, in every engine one of the valve covers is the oil fill cylinder. To accommodate this, we have an injector and valve cover kit, **DPE59030**, which includes the oil fill seal ring.

Many C series engines use as a valve cover gasket a 7 foot strip of rectangular silicone which is fit into the valve cover, similar to Mack applications. **DIPACO** now has the **D3905449** gasket available.

### **DPE59000 Combined Injector Kit (6 Cyl)**

D154087	Injector Seal Ring	6
D3903380	Banjo Connector	6
D3909886	Injector Dust Seal	6
D3920174	Nozzle Washer 7mm (Thin)	6
D3923261	Nozzle Washer 7mm (Thick)	6
D3930324	Nozzle Washer 5mm	6

### **DPE59010 Combined Injector Kit**

D154087	Injector Seal Ring	1
D3903380	Banjo Connector	1
D3909886	Injector Dust Seal	1
D3920174	Nozzle Washer 7mm (Thin)	1
D3923261	Nozzle Washer 7mm (Thick)	1
D3930324	Nozzle Washer 5mm	1

### **DPE59030 Combined Oil Cover Kit**

D154087	Injector Seal Ring	1
D3902363	Oil Fill Seal Ring	1
D3902666	Valve Cover Gasket	1
D3903380	Banjo Connector	1
D3909886	Injector Dust Seal	1
D3920174	Nozzle Washer 7mm (Thin)	1
D3923261	Nozzle Washer 7mm (Thick)	1
D3928406	Noise Isolator	1
D3930324	Nozzle Washer 5mm	1

### **DPE59020 Combined Cover Kit**

D154087	Injector Seal Ring	1
D3902666	Valve Cover Gasket	1
D3903380	Banjo Connector	1
D3909886	Injector Dust Seal	1
D3920174	Nozzle Washer 7mm (Thin)	1
D3923261	Nozzle Washer 7mm (Thick)	1
D3928406	Noise Isolator	1
D3930324	Nozzle Washer 5mm	1