

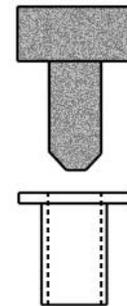


**INJECTOR ADAPTER SLEEVE, INJECTOR WASHERS, AND BANJO CONNECTOR FOR CUMMINS B SERIES/CDC ENGINES**

Starting in 1990, cylinder heads for Cummins B Series engines were changed to accept a 7mm injector tip instead of a 9mm injector tip. The change was made to increase the material in the head and reduce the incidences of the head cracking. When this change was made, Cummins announced only 7mm injectors would be available after their supply of 9mm injectors ran out. To accommodate the 7mm injector in the 9mm head, the **D3919358 adapter sleeve** was introduced.

The **D3919358 adapter sleeve** effectively reduces the bore size to 7mm, thus accepting the 7mm injector. It also acts as a washer, sealing the injector bore joint. We recommend replacing the adapter whenever the injector is removed to provide the best fit and sealing. This adapter must be used when a 7mm injector is used in an engine with a 9mm injector bore. Following is a list of engines which can use the adapter.

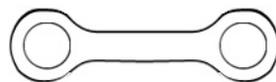
ENGINE	INJECTOR	CPL
4BT3.9	3919345	593
4BT3.9	3919347	727
4BT3.9	3919350	767
4BTA3.9	3919350	595
6BTA5.9	3919345	598
6BT5.9	3919347	716
6BT5.9	3919347	766
6BT5.9	3919347	766
6BTA5.9	3919350	600



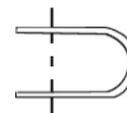
D3919358  
 Injector Adapter

There are two washers available for 7mm injectors. The first is for **non-automotive** applications, part number **D3920174**. The second is for **automotive** applications, part number **D3920175**. The difference is in the thickness. The D3920174 is .06" thick while the D3919725 is .10" thick. The part number for the **9mm** is **D3900808**.

Also available is the **D3903380 banjo connector**. The two washers needed for the banjo are connected by a thin copper strap. This makes installation much easier. This part is used on the B and C engines. It can also be used in almost any Bosch application using the banjo connection to the injector.



D3903380  
 Flat View



D3903380  
 Finished View