

12 valve cams installed on trucks in excess of 500 Hp and using high RPM often strongly recommend bolt on gear. Gear installed with blue locktite and tourqued to 55 ft. lbs. All 12 valve cams use a standard tappet.



**12 valve lifter on left and 24 valve on right**



### 98.5-02 VP44 Trucks

Trucks using 150Hp and greater injectors, recommend the use of Bolt on gear. Gear installed with blue locktite and torqued to 55 Ft. Lbs.

Use the standard ISB 24v tappet.



**Common Rail gear on right and helical gear from 12v and 24v VP44 engines on left**

### 2003-07 CR

Trucks use straight cut style gears in timing case. Bolt on style gear will not fit behind the gear case cover. Nor is it needed in this application. We recommend the use of the ISB tappet DDP has tested these cams with that style tappet. Use of the shorter CR style tappet will result in excess duration of cam.