

Spring Cage and Spring Seats for Cummins Select Injectors

DIPACO now has available the spring cage for Cummins Select injectors as well as spring seats in various sizes.

The spring cage, part number **RTF26111**, sits on top of the nozzle and acts as the connector and guide for the nozzle needle to the spring seat and nozzle pressure spring. The spring cage contains passages for fuel flow to the nozzle, retains the pressure spring and spring seat, and serves as the nozzle needle travel stop. The spring cage can wear in the area where the nozzle needle strikes the bottom of the cage. Wear in this area will effect needle lift and injector valve opening pressure. This wear will reduce the life of the nozzle needle seat and can cause the nozzle to stick open. Movement of the spring seat over time can cause wear to the inside diameter of the spring cage, resulting in erratic nozzle operation.

The spring seat is the connecting point between the nozzle needle and the nozzle pressure spring. Wear on the spring seat will effect the operation and life of the nozzle and pressure spring. **DIPACO** is providing spring seats in three different thicknesses in order for you to better adjust the valve opening pressure. Part number **RTF26110-114** is the standard size spring seat. Our oversized spring seats are **RTF26110-118**, which has one groove around the outside diameter for identification purposes, and **RTF26110-123**, which has two identification grooves. Below is a listing of the spring seats and their sizing.

Part Number	Thickness	ID Grooves
RTF26110-114	.114/.115"	No OD groove
RTF26110-118	.118/.119"	1 OD groove
RTF26110-123	.123/.124"	2 OD grooves

