

Cross-reference the balancer shaft and balancer weight codes determine the replacement bearing color. Refer to the selection table below for bearing selection.

Check the needle bearing for smooth operation.

BALANCER BEARING SELECTION TABLE:

Unit: mm (in)

BALANCER SHAFT Q.D. CODE		1 or Blue	2 or Black	3 or Red
BALANCER WEIGHT I.D. CODE		17.996 18.000 (0.7085 - 0.7087)	17.991 - 17.996 (0.7083 - 0.7085)	17.987 - 17.991 (0.7081 - 0.7233)
A	26.996 - 27.000 (1.0628 - 1.0630)	C White	B Blue	A Red
B	26.991 - 26.996 (1.0626 - 1.0628)	D Green	C White	B Blue
C	26.987 26.991 (1.0625 - 1.0626)	E Yellow	D Green	C White

Check the balancer idle gear for wear or damage. Check the balancer idle gear shaft for wear, damage or excessive scratches.

Turn the inner race of each bearing with your finger. The bearings should turn smoothly and quietly. Also check that the bearing outer race fits tightly in the gear. Remove and discard the bearing, if the race does not turn smoothly, quietly, or fits loosely in the gear.

Remove the snap ring.
Drive the bearings out of the idle gear.

Press the new idle gear bearing into the idle gear using the special tools.

TOOLS:

- Driver 07749-0010000
- Attachment, 32 x 35 mm 07746-0010100
- Pilot, 15 mm 07746-0040300

Install the snap ring into the gear groove securely.

