



# M-8510-A351/B351/C351/D351 Crank Pulley Spacer INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD RACING PERFORMANCE PARTS.

Please visit [www.fordracingparts.com](http://www.fordracingparts.com) for the most current instruction information

**!!! PLEASE READ ALL OF THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. AT ANY TIME YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE CALL THE FORD RACING TECHLINE AT 1-800-367-3788 !!!**

## **INSTALLATION INSTRUCTIONS:**

Installation of the crank pulley spacer will require longer bolts. Use Grade 5 or better bolts with blue Loctite thread sealer (or equivalent).

Check pulley sheave alignment between crank and accessory pulleys with a straight edge. Production tolerances and small variations in pulley sheave offset over the years may require some trimming of the spacer to achieve good alignment with the existing pulleys.

If the spacer is much too short or too long, you need a different spacer. Currently available spacers from Ford Racing are as follows:

M-8510-A351	.350"
M-8510-B351	.950"
M-8510-C351	.875"
M-8510-D351	.909"

The accessory drive belt can now be installed using standard procedures.

If an M-8511-A351 (PS only) or M-8511-B351 (AC & PS) bracket is also being installed, a new belt length will have to be determined at this time. With the new bracket installed and sheave alignment checked, the proper belt length can be determined by using a flexible tape measure. A tailor's tape measure works best. Wrap the tape measure around the crank and accessory pulleys following the path the production belt used. Remember to have a helper hold the tensioner at the midpoint of its travel when measuring for belt length. Serpentine accessory drive belts are available from Motorcraft and other sources in a large variety of lengths. On installation, make sure the belt has tension and tracks properly on all pulleys as the engine is rotated by hand.

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356