

Instruction Sheet Timing Belt Replacement

INS-30000



ROTATE CRANKSHAFT SO THAT TIMING DOTS ON CAMSHAFT AND CRANKSHAFT ARE ALIGNED.

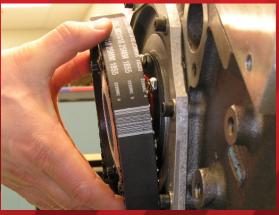
LOOSEN CAM ADAPTOR BOLT ENOUGH SO THAT THE UPPER PULLEY CAN BE TILTED FORWARD. IT IS NOT NECESSARY TO COMPLETELY REMOVE UPPER PULLEY.

SLIDE THE OLD BELT OFF THE UPPER PULLEY.

DO NOT ROTATE CAMSHAFT OR CRANKSHAFT ONCE BELT IS REMOVED.

TORQUE SPECS:

1/4-28	14 FT / LBS
5/16-18	26 FT / LBS
5/16-24	28 FT / LBS
3/8-16	45 FT / LBS
3/8-24	50 FT / LBS
7/16-20	70 FT / LBS



BEFORE REPLACING TIMING BELT, MAKE SURE THAT THE UPPER AND LOWER PULLEYS ARE FREE OF ANY OIL OR DEBRIS. CHECK THE CONDITION OF THE TEETH ON THE PULLEYS AND REPLACE IF EXCESSIVE WEAR IS NOTICED.

ENGAGE THE NEW BELT INTO THE LOWER PULLEY. CAREFULLY WRAP BELT AROUND THE UPPER PULLEY AND TILT THE UPPER PULLEY BACK ONTO THE CAM ADAPTOR. TIGHTEN CAM ADAPTOR BOLT AND TORQUE TO PROPER SPECS.

CAM TIMING ADJUSTMENTS:

LOOSEN FOUR NUTS ON THE SPIDER. TURN THE CRANKSHAFT CLOCKWISE TO RETARD THE CAMSHAFT TIMING AND COUNTER CLOCKWISE TO ADVANCE THE CAMSHAFT TIMING. EACH MARK ON THE SPIDER GEAR EQUALS 2 DEGREES AT THE CRANKSHAFT.

NOTICE:

- REPLACE BELT IF IT BECOMES CONTAMINATED WITH ENGINE OIL.
- REPLACE BELT ANNUALLY OR AFTER ANY TYPE OF ENGINE FAILURE.
- DO NOT CLEAN TIMING BELT WITH ANY TYPE OF CHEMICAL CLEANER.
- COVER BELT DRIVE SYSTEM IF OPERATED ON ABRASIVE TRACK SURFACES.
- IT IS RECOMMENDED TO DEGREE CAMSHAFT AFTER REPLACING TIMING BELT.

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TIMING BELTS

PART NUMBER	BELT WIDTH	TEETH	TOOTH DESIGN			
BEL-30960	20mm	61	HTD			
BEL-30970	20mm	69	HTD			
BEL-30990	25mm	61	HTD			
BEL-31010	25mm	69	HTD			
BEL-31032	25mm	61	HTD II			
BEL-31045	25mm	63	HTD II			
BEL-31052	27mm	68	HTD II			
BEL-31060	25mm	71	HTD			
BEL-31070	27mm	72	HTD II			
BEL-31072	27mm	74	HTD II			
BEL-31075	25mm	74	HTD II			
BEL-31100	25mm	65	HTD			

SERVICE PARTS



SEALS

PART			SEAL
NUMBER	O.D.	WIDTH	MATERIAL
SEL-37100	3.255"	.375"	RUBBER
SEL-37200	2.500"	.215"	TEFLON®
SEL-37250	3.253"	.400"	TEFLON®
SEL-37300	3.195"	.320"	TEFLON®
SEL-37700	2.750"	.375"	RUBBER
SEL-38000	2.632"	.250"	TEFLON®
SEL-38100	3.005"	.310"	TEFLON®

NOTE: FOR PROPER BREAK-IN, KEEP ALL TEFLON® SEALS DRY DURING INSTALLATION. DO NOT USE ANY TYPE OF LUBRICATION ON SEAL SURFACES.



BRONZE THRUST WASHERS

PART				
NUMBER	O.D.	I.D.	THICKNES	SS
WSH-39600	2.950"	1.875"	.031"	
WSH-39610	2.950"	1.960"	.031"	
WSH-39620	2.950"	2.010"	.031"	
WSH-39624	3.313"	1.645"	.031"	
WSH-39625	3.325"	2.365"	.031"	
WSH-39630	2.950"	1.575"	.031"	
WSH-39660	2.950"	2.260"	.031"	
WSH-39665	3.325"	2.260"	.031"	

