

Component Procedures: Timing Components

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Component Procedures: Timing Components

Parts and Labor (itype_189)

Parts

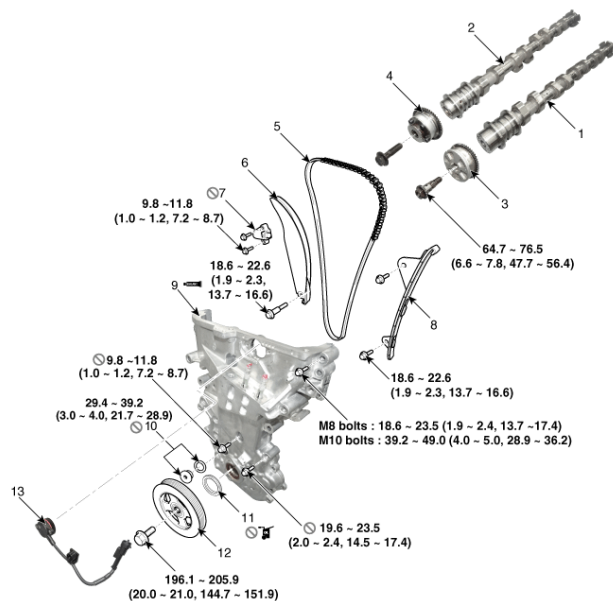
Qualifier	Part #	Name	Price	Note
Camshaft & Timing > Camshaft	242002E074	12 - Exhaust	258.73	
Camshaft & Timing > Camshaft?	242002E074	12 - Auto Trans	258.73	
Camshaft & Timing > Camshaft?	242002E074	12 - Manual Trans	258.73	
Camshaft & Timing > Camshaft?	241002E720	12 - Auto Trans	258.73	
Camshaft & Timing > Camshaft?	241002E700	12 - Manual Trans	258.73	
Camshaft & Timing > Chain Gu?	244302E000	15 - Chain Guide	25.26	
Camshaft & Timing > Cranksha?		13 - Part Of Crankshaf?	0.00	
Camshaft & Timing > Front Co?	213502E740	18 - Front Cover	519.10	Includes Front Crank Seal.
Camshaft & Timing > Tensioner	244102E000	17 - Tensioner	107.68	
Camshaft & Timing > Tensione?	244202E000	16 - Tensioner Arm	23.85	
Camshaft & Timing > Timing C?	243212E010	14 - Timing Chain	145.82	
Variable Valve Timing > Actu?	243702E020	19 - Exhaust	306.10	
Variable Valve Timing > Actu?	243502E700	19 - Intake	382.13	
Variable Valve Timing > Valv?	243752E100	Exhaust	134.15	
Variable Valve Timing > Valv?	243552E100	Intake	168.48	
Crankshaft & Bearings > Fron?	214212E300	27 - Front Crank Seal	13.58	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Camshaft & Timing > Camshaft, R&R > Both	B	4.9	0.0
Remove & Replace	Camshaft & Timing > Front Cover Gasket, R&R	B	6.3	0.0
Remove & Replace	Camshaft & Timing > Front Cover, R&R	B	6.3	0.0
Remove & Replace	Camshaft & Timing > Timing Chain, R&R	B	6.8	0.0
Remove & Replace	Camshaft & Timing > Timing Chain, R&R > NOTE ?		0.1	
Remove & Replace	Camshaft & Timing > Timing Chain, R&R > NOTE ?		0.1	
Remove & Replace	Crankshaft & Bearings > Front Crank Seal, R&R	B	1.5	0.0
Remove & Replace	Variable Valve Timing > Actuator, R&R > Both	B	4.9	0.0
Remove & Replace	Variable Valve Timing > Solenoid, R&R	B	0.7	0.0

Timing System - Components and Components Location (Article 45325)

- Components



Tightening torque : N.m (kgf.m, lb-ft)

1. Intake camshaft 2. Exhaust camshaft 3. Intake CVVT assembly 4. Exhaust CVVT assembly 5. Timing chain 6. Timing chain tensioner arm 7. Timing chain tensioner 8. Timing chain guide 9. Timing chain cover 10. Service plug bolt & gasket 11. Front oil seal 12. Crankshaft damper pulley 13. Intermediate lock CVVT actuator