



Preliminary Information

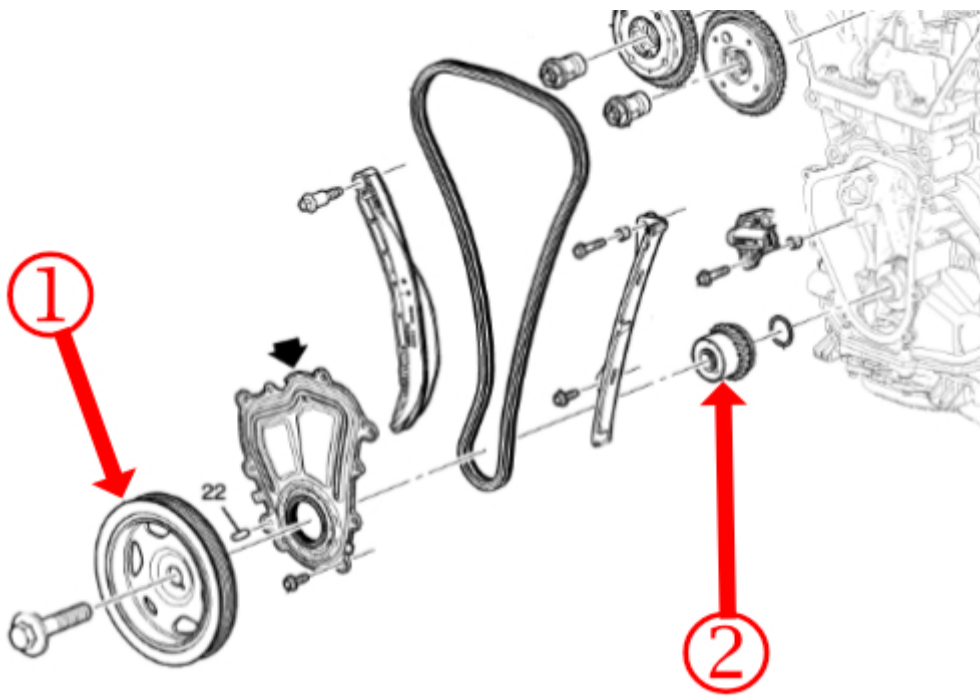
PIP5712 Diagnostic Tip - Crankshaft Balancer Removal

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CT4	2020	All	All	2.0L (LSY) 2.7L (L3B)	All
Cadillac	CT5	2020	All	All	2.0L (LSY)	All
Cadillac	CT6	2019	All	All	2.0L (LSY)	All
Cadillac	XT4	2019 - 2020	All	All	2.0L (LSY)	All
Cadillac	XT5	2020	All	All	2.0L (LSY)	All
Cadillac	XT6	2020	All	All	2.0L (LSY)	All
Chevrolet	Blazer	2020	All	All	2.0L (LSY)	All
Chevrolet	Silverado	2019 - 2020	All	All	2.7L (L3B)	All
GMC	Acadia	2020	All	All	2.0L (LSY)	All
GMC	Sierra	2019 - 2020	All	All	2.7L (L3B)	All

Involved Region or Country	North America
Condition	Crankshaft sprocket may disengage from crankshaft during Crankshaft Balancer removal.
Cause	Crankshaft sprocket may stick to the Crankshaft balancer during removal.

Anytime that the crankshaft balancer (1) is removed for service, be careful not to pull the crankshaft sprocket (2) off of the end of the crankshaft due to the balancer sticking to the sprocket.



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Loosen the crankshaft balancer bolt a few turns and then strike the crankshaft balancer with a rubber mallet to separate the crankshaft balancer from the Crankshaft sprocket.

Caution: Do not rotate the crankshaft on these engines with the crankshaft balancer removed. The crankshaft balancer and bolt must be reinstalled to avoid damage to the crankshaft sprocket, crankshaft and valvetrain.

Once the two components are separated, proceed with repair / diagnosis.

Version History

Version	1
Modified	03/03/2020 - Created on



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