

2019 - 2021 Cadillac CT4-V CT5-V CT6-V: Service Bulletin: #PIP5712A: Diagnostic Tip - Crankshaft Balancer Removal - (Mar 9, 2021)

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Subject: Diagnostic Tip - Crankshaft Balancer Removal

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Encore GX	2020-2021		All	All	1.3L (LIH) 1.3L (L3T)	All
Buick	Envision	2021		All	All	2.0L (LSY)	All
Cadillac	CT4	2020 - 2021		All	All	2.0L (LSY) 2.7L (L3B)	All
Cadillac	CT5	2020 - 2021		All	All	2.0L (LSY)	All
Cadillac	CT6	2019		All	All	2.0L (LSY)	All
Cadillac	XT4	2019-2021		All	All	2.0L (LSY)	All
Cadillac	XT5	2020-2021		All	All	2.0L	All

					(LSY)	
Cadillac	XT6	2020-2021	All	All	2.0L (LSY)	All
Chevrolet	Blazer	2020-2021	All	All	2.0L (LSY)	All
Chevrolet	Silverado	2019-2021	All	All	2.7L (L3B)	All
Chevrolet	Trailblazer	2021	All	All	1.3L (LIH) 1.3L (L3T)	All
GMC	Acadia	2020-2021	All	All	2.0L (LSY)	All
GMC	Sierra	2019-2021	All	All	2.7L (L3B)	All

Involved Region or Country

North America

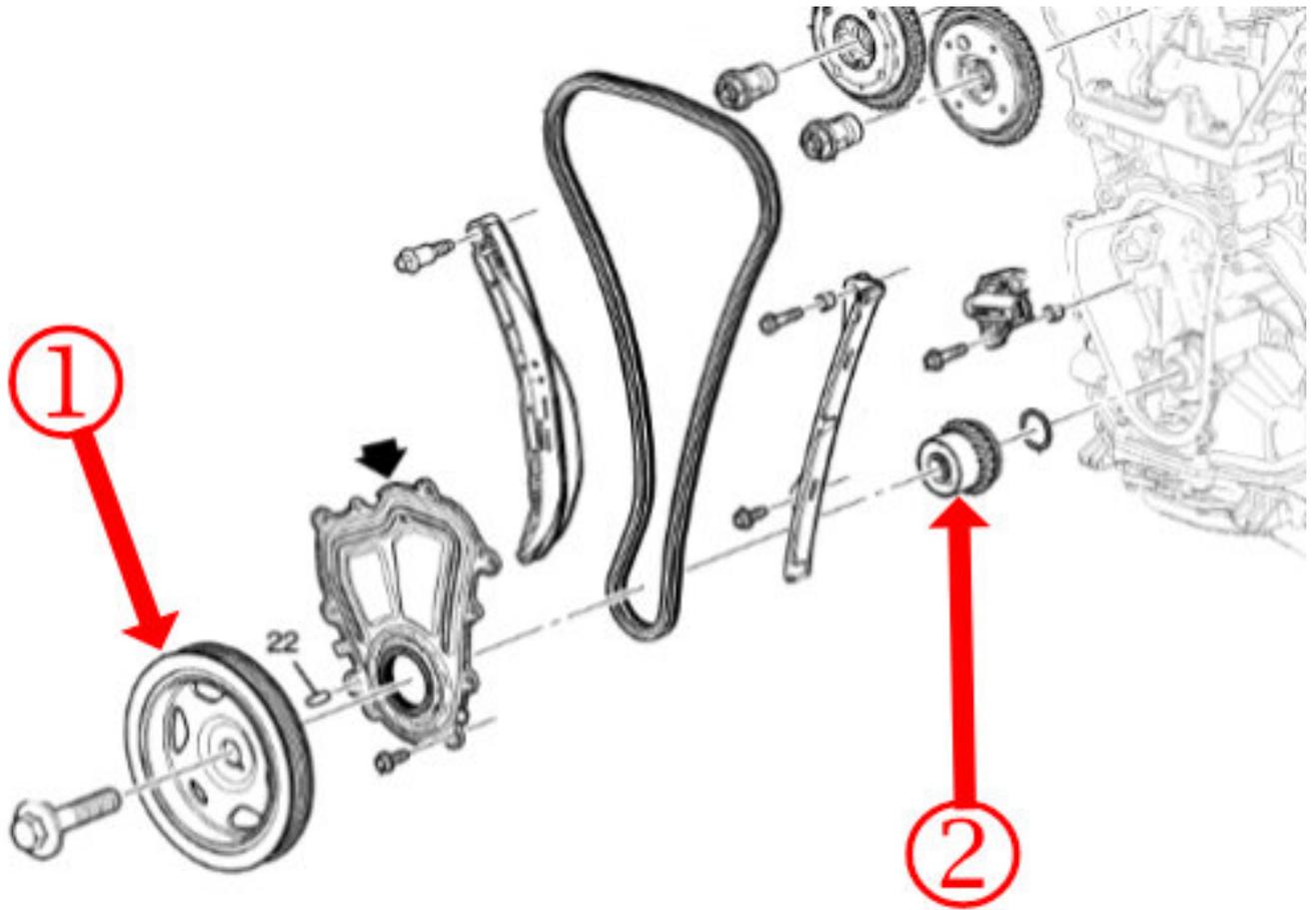
Condition

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.



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

2

Modified

03/03/2020 – Created on.

03/09/2021 - Updated to add models
and years

Online URL:

<https://www.cadillacvnet.com/knowledge-base/article/2019-2021-cadillac-ct4-v-ct5-v-ct6-v-service-bulletin-pip5712a-diagnostic-tip-crankshaft-balancer-removal-mar-9-2021-59.html>