



Preliminary Information

PIT6000 Service Drivers Assist Message with DTC: B2BA1

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2021 - 2023	All	All	All	All
Chevrolet	Silverado 1500	2023	All	All	All	All
Chevrolet	Silverado 1500 New (RPO J22, VIN Digit 5 = A or D)	2022	All	All	All	All
Chevrolet	Suburban	2023	All	All	All	All
Chevrolet	Tahoe	2023	All	All	All	All
GMC	Sierra 1500	2023	All	All	All	All
GMC	Sierra 1500 New (RPO J22, VIN Digit 5 = H or U)	2022	All	All	All	All
GMC	Yukon Models	2023	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	UKL
Condition	Some customers may experience a "Service Drivers Assist" message with a current DTC: B2BA1
Cause	The cause of this concern could be the K179 Map Module Information is out of date due to a lack of vehicle operation

Correction:

Note: This only effects vehicles that only have the DTC: B2BA1. If the vehicle has other map module codes, they will have to be addressed first. Only continue with is PI if you only have DTC: B2BA1

The map module used for Super Cruise uses a LiDAR-scanned map database, which governs system use and enables it only in areas where appropriate road conditions are detected.

Map versions/updates and GPS enhancement data are periodically downloaded to the vehicle through Map Over The Air Updates (MOTA).

These updates are delivered to the vehicle in small packets of data only when the vehicle is operating.

This is the only way the latest map versions can be updated.

Map version updates are no longer done by hooking directly to the map module via RS232 Cable or SPS programming as previous models.

If the customer does not drive the vehicle often or does a lot of short trip driving the map module does not get a chance to fully update.

After a certain time frame the map module will be out of date due to this short trip driving and the " Service Drivers Assist" will appear on the DIC and the DTC: B2BA1 will be set as a current code in the K179 Map module.

In order to correct this concern, please perform the following steps:

- 1) Make sure the K179 Map Module has the latest calibrations using SPS.
- 2) Park the vehicle outside away from buildings so the vehicle can obtain a good OnStar Signal. The vehicle will need to stay outside running to update the map version. The module will not update when the vehicle is off.
- 3) Start the vehicle and allow the vehicle to idle for 3 hrs., SEE NOTE BELOW. After 3 hrs., turn the vehicle off and allow the vehicle to set with the ignition off for 1 hour.
- Note: This vehicle is equipped with a auto shut down mode. If the vehicle is left in run mode with the vehicle parked, it will automatically shut off in 60 minutes depending on if the remote key fob is left in the vehicle. You can disable this feature for one key cycle by holding the start/stop button for 10 seconds longer, when starting the vehicle, until a message appears on the DIC that reads " Auto Shutdown Off". The truck will run until you manually shut it off.
- 4) After 1 hour, check and see if DTC: B2BA1 has cleared or gone to history. If so, make sure there is no DIC messages and the Supercruise operates normally. If the DTC is still current, repeat step 3.
- 5) Advise the customer on how the map versions get updated and if the vehicle is not driven often enough the message may return again.

Warranty Information

For vehicles repaired under the warranty, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor operation	Description	Labor Time
2889328	Check DTC's, Update Map Module and Clear DTC	0.3 Hrs.

Version History

Version	1
Modified	04/19/2023 - Created on.

