

Technical Service Bulletin (TSB)

Guidelines For Correct Coordinated Reflash Management

REFERENCE:	TSB: 08-110-25 GROUP: 08 - Electrical	Date:	April 8, 2025	REVISION:	—
VEHICLES AFFECTED:	2023 - 2024 (MV) Jeep Compass 2023 - 2024 (BV) Jeep Renegade 2023 - 2024 (GG) Dodge Hornet 2023 - 2024 (GC) Alfa Romeo Tonale This bulletin applies to vehicles equipped with a 1.3L I4 Turbo PHEV engine (Sales Code EYG).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☒ EE☐ CH	
CUSTOMER SYMPTOM:	There are no Customer Symptoms for this Information Only TSB.				
CAUSE:	Multiple module software choices available, leading to possible error and module software misalignment				

DISCUSSION:

This Information Only TSB is to communicate when a propulsion-related Electronic Control Units (ECUs) such as the Powertrain Control Module (PCM), Transmission Control Module (TCM), Hybrid Control Module (HCP)/ Hybrid Control Module (AHCP), Auxiliary Power Module (APM)/Integrated Dual Charging (IDCM) or Battery Pack Control (BPCM) are replaced and need to be updated in service, it is important to check that the software update correctly matches the other software on the vehicle.

For ECU replacement, follow the table according to the MY/model to choose the correct software to be downloaded in the new ECU.

NOTE: The following ECU programming order must be observed during the update procedures.

1. Flash AHCP first and then HCP and the others to follow.

AHCP And HCP Table

Model	PCR	HCP	AHCP	PCM 190HP	PCM 240HP	TCM 190HP	TCM 240HP	BPCM	IDCM
GC MY23	5C	68580455A G	68580456A H		68602283A G		68574820A H	68622435A B	05185081A N
MV MY23	6A (190HP)	68637192A A	68637191A A	68636383A A		68529838A D		68484317A U	05185078A J
	6A (240HP)	68637192A A	68637191A A		68636384A A 68636385A A TH		68529837A D	68484317A U	05185078A J
	6A1 (190HP)	68637192A B	68637191A C	68636383A A		68529838A D		68484317A U	05185078A J
	6A1 (240HP)	68637192A B	68637191A C		68636384A A		68529837A D	68484317A U	05185078A J

Model	PCR	HCP	AHCP	PCM 190HP	PCM 240HP	TCM 190HP	TCM 240HP	BPCM	IDCM
					68636385A A TH				
BV MY23	6A (190HP)	68636759A A	68636760A A	68636381A A		68456925A M		68484317A U	05185078A J
	6A (240 HP)	68636759A A	68636760A A		68636382A A		68507446A F	68484317A U	05185078A J
	6A1 (190HP)	68636759A A	68636760A A	68636381A B		68456925A M		68484317A U	05185078A J
	6A1 (240 HP)	68636759A A	68636760A A		68636382A B		68507446A F	68484317A U	05185078A J
GC MY23 (E6.4 240 HP)	6A	68644926A A	68644929A A		68644638A A		68635931A B	68622435A B	05185081A N
	7A	68657023A A	68657025A A		68644638A A		68635931A B	68622435A B	05185081A O
	7B	68657023A B	68657025A B		68644638A A		68635931A B	68622435A B	05185081A O
	8A	68657023A C	68657025A C		68644638A B		68635931A C	68622435A B	05185081A O
GC (MY23 (E6.4 190 HP)	6A	6844927AA	68644930A A	6864196AA		68635931A B		68622435A B	05185081A N
	7A	68657024A A	68657026A A	6864196AA		68635931A B		68622435A B	05185081A O
	7B	68657024A B	68657026A B	68649196A B		68635931A B		68622435A B	05185081A O
	8A	68657024A C	68657026A C	68649196A C		68635931A C		68622435A B	05185081A O
GC MY24 NAM	6A	68641659A A	68641661A B		68641658A A		68641660A A	68622435A C	05185081A N
	6B	68641659A A	68641661A B		68641658A B		68641660A A	68622435A C	05185081A N
	6C	68641659A C	68641661A C		68641658A B		68641660A A	68622435A C	05185081A N
	6D	68641659A C	68641661A C		686441658 AC		68641660A A	68622435A C	05185081A N
	7A	6841659AD	68641661A D		686441658 AC		68641660A A	68622435A C	05185081A N
	7B	68641659A E	68641661A E		686441658 AC		68641660A B	68622435A C	05185081A N
	8A	68641659A F	68641661A F		68641658A D		68641660A B	68622435A C	05185081A N
	8B	68641659A F	68641661A F		68641658A D		68641660A C	68622435A C	05185081A N

Model	PCR	HCP	AHCP	PCM 190HP	PCM 240HP	TCM 190HP	TCM 240HP	BPCM	IDCM
	8C	68641659A G	68641661A G		68641658A E		68641660A C	68622435A C	05185081A N
GG MY24 NAM	6A	68643781A B	68643782A B		68643779A B		68643780A A	68622435A C	05185081A N
	7A	68643781A C	68643782A C		68643779A B		68643780A A	68622435A C	05185081A N
	7B	68643781A D	68643782A D		68643779A B		68643780A B	68622435A C	05185081A N
	8A	68643781A E	68643782A E		68643779A C		68643780A B	68622435A C	05185081A N
	8B	68643781A E	68643782A E		68643779A C		68643780A C	68622435A C	05185081A N
	8C	68643781A F	68643782A F		68643779A E		68643780A C	68622435A C	05185081A N
MV MY24	6A	68677454A A	68677453A A	68661881A A	68661882A A 68661884A A TH *	68529838A D	68529837A D	68484317A U	05185078A J
BV MY24	6A	6867787AA	6867783AA	68636381A B	68636382A B	68456925A M	68507446A F	68484317A U	05185078A J
GC MY25 NAM	6A	68707192A A	68707193A A		68707191A A		68643780A C	68622435A C	05185081A N
	6B	68707192A B	68707193A B		68707191A B		68643780A C	68622435A C	05185081A N
GG MY25 NAM	6A	68707195A A	68707196A A		68707194A A		68643780A C	68622435A C	05185081A N
	6B	68707195A B	68707196A B		68707194A B		68643780A C	68622435A C	05185081A N

* TH → Trailhawk Trim Level

* NAM → North America Releases

HOW TO USE TABLES:

NOTE: SW upgrade of one or more ECUs following HW replacement of an ECU. For example, proceed as follows to replace the PCM of the Tonale MY23 240 HP version to ensure the correct operation of the vehicle.

1. If possible, run a Vehicle Scan Report before replacing the ECU and after replacing the ECU, update it with the software version previously installed on the vehicle.
2. Otherwise, if the ECU to be replaced does not communicate with the wiTECH, refer to the tables above, identifying the correct software based on the other ECUs in the vehicle. For example, if you need to load the newly replaced PCM software and the HCP and AHCP have software 686557023AC and 68657025AC, then the PCM will need to be 68644638AB.

Table Of Software

Model	PCR	HCP	AHCP	PCM 190HP	PCM 240HP	TCM 190HP	TCM 240HP	BPCM	IDCM
GC (Tonale) MY23 (E6.4) - 240HP	6A	6864492 6AA	6864492 9AA		6864463 8AA		6863593 1AB	6862243 5AB	0518508 1AN
	7A	6865702 3AA	6865702 5AA		6864463 8AA		6863593 1AB	6862243 5AB	0518508 1AO
	7B	6865702 3AB	6865702 5AB		6864463 8AA		6863593 1AB	6862243 5AB	0518508 1AO
	8A	6865702 3AC	6865702 5AC		6864463 8AB		6863593 1AC	6862243 5AB	0518508 1AO

Also in this case, if the Renegade MHEV MY23 PCM ECU must be restored, the P/Ns of the other ECUs must be checked first to find the correct match.

Table Of Software Matches Based On PCRs Of 1.5L MHEV MY23/24 Models:

Model	PCR	HCP	PCM	TCM	BPCM	MCPB	APM
BV (Renegade) MY23 (E6.4)	6A	68638024A A	68612969A B	52229265	X060C1V0 0	M0143918	3F50_95_0 D
	6A1	68638024A A	68612969A C	52229265	X060C1V0 0	M0143918	3F50_95_0 D
	6B	68638024A A	68612969A C	52230502	X060C1V0 0	M0143918	3F50_95_0 D
	6B2	68638024A B	68612969A C	52230502	X060C1V0 0	M0143918	3F50_95_0 D
	6C	68638024A C	68612969A C	52243594	X060C1V0 0	M0143918	3F50_95_0 D
	6D	68638024A C	68612969A C	52243594	X065C1V0 0	M0143918	3F50_95_0 D
MV (Compass) MY23 (E6.4)	6A	68638698A A	68612970A A	52228503	X060C1V0 0	M0143918	3F50_95_0 D
	6A1	68638698A A	68612970A B	52228503	X060C1V0 0	M0143918	3F50_95_0 D
	6B	68638698A A	68612970A B	52230504	X060C1V0 0	M0143918	3F50_95_0 D
	6B2	68638698A D	68612970A B	52230504	X060C1V0 0	M0143918	3F50_95_0 D
	6C	68638698A E	68612970A B	52243623	X060C1V0 0	M0143918	3F50_95_0 D
	6D	68638698A E	68612970A B	52243623	X065C1V0 0	M0143918	3F50_95_0 D
FD (500X) MY23 (E6.4)	6A	68638452A A	68612971A A	52230494	X060C1V0 0	M0143918	3F50_95_0 D
	6A1	68638452A A	68612971A B	52230494	X060C1V0 0	M0143918	3F50_95_0 D
	6B	68638452A A	68612971A B	52231182	X060C1V0 0	M0143918	3F50_95_0 D
	6B2	68638452A B	68612971A B	52231182	X060C1V0 0	M0143918	3F50_95_0 D

Model	PCR	HCP	PCM	TCM	BPCM	MCPB	APM
	6C	68638452A C	68612971A B	52243581	X060C1V0 0	M0143918	3F50_95_0 D
PD (Tipo) MY23 (E6.4)	5A	52231299A A	52225946A A	52230493	X060C1V0 0	M0143918	3F50_95_0 D
	6A	52231299A A	52231216A A	52230493	X060C1V0 0	M0143918	3F50_95_0 D
	6B	52231299A A	52232494A A	52231179	X060C1V0 0	M0143918	3F50_95_0 D
	6B2	52237061A A	52232494A A	52231179	X060C1V0 0	M0143918	3F50_95_0 D
	6C	52243681A A	52232494A A	52243582	X060C1V0 0	M0143918	3F50_95_0 D
GC (Tonale) FGT MY23 (130hp E6.4)	6A	68638800A A	68612972A B	52231614	X060C1V0 0	M0143918	3F50_95_0 D
	6B2	68638800A B	68612972A B	52231614	X060C1V0 0	M0143918	3F50_95_0 D
	6C	68638800A C	68612972A B	52239836	X060C1V0 0	M0143918	3F50_95_0 D
	6D	68638800A C	68612972A B	52239836	X065C1V0 0	M0143918	3F50_95_0 D
GC (Tonale) VGT MY23 (160hp E6.4)	6A	68638801A A	68612973A B	52231613	X060C1V0 0	M0143918	3F50_95_0 D
	6B2	68638801A B	68612973A B	52231613	X060C1V0 0	M0143918	3F50_95_0 D
	6C	68638801A C	68612973A B	52239835	X060C1V0 0	M0143918	3F50_95_0 D
	6D	68638801A C	68612973A B	52239835	X065C1V0 0	M0143918	3F50_95_0 D
MV (Compass) MY24 (E6.4 CO₂ reduction)	5A	68661822A A	68662412A A	52236700	X060C1V0 0	M0143918	3F50_95_0 D
	6B	68661822A B	68662412A A	52243621	X060C1V0 0	M0143918	3F50_95_0 D
	6C	68661822A B	68662412A A	52243621	X065C1V0 0	M0143918	3F50_95_0 D
BV (Renegade) MY24 (E6.4 CO₂ reduction)	5A	68650704A B	68650614A B	52239537	X060C1V0 0	M0143918	3F50_95_0 D
	6B	68650704A C	68650614A B	52244296	X060C1V0 0	M0143918	3F50_95_0 D
	6C	68650704A C	68650614A B	52244296	X065C1V0 0	M0143918	3F50_95_0 D

For example, if HCP is 686838024AC and BPCM is X065C1V00, then PCM must be 68612969AC.

Same For Other ECUs

Model	PCR	HCP	PCM	TCM	BPCM	MCPB	APM
BV (Renegade) MY23 (E6.4)	6A	68638024AA	68612969AB	52229265	X060C1V00	M0143918	3F50_95_0D
	6A1	68638024AA	68612969AC	52229265	X060C1V00	M0143918	3F50_95_0D
	6B	68638024AA	68612969AC	52230502	X060C1V00	M0143918	3F50_95_0D
	6B2	68638024AB	68612969AC	52230502	X060C1V00	M0143918	3F50_95_0D
	6C	68638024AC	68612969AC	52243594	X060C1V00	M0143918	3F50_95_0D
	6D	68638024AC	68612969AC	52243594	X065C1V00	M0143918	3F50_95_0D

- NOTE:**
- The data in these tables must be used only when replacing a pre-existing component with new component. Under no circumstances should they be used as a reference to update existing ECU SW in the vehicle. It is mandatory to refer to specific technical bulletins (e.g., TSB) or campaigns (field action) in the latter case.
 - Any unauthorized update of the control unit software and improper use of this bulletin that causes a malfunction of the vehicle will be charged to the workshop responsible for the action and will not be subject to compensation by Stellantis.

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