



CHEVROLET MOTOR DIVISION
General Motors Corporation
Chevrolet Service Department



Chevrolet Dealer Service Technical Bulletin

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Section:
Dec. 23, 1968
Date:

Subject: HARD HOT CRANKING - 1969 PASSENGER
CARS WITH 350 CU. IN. ENGINES

Attn: Service Manager

To: ALL CHEVROLET DEALERS

Early production 1969 Passenger Cars equipped with the 350 cu. in., 300 H.P. engine with Powerglide or Turbo Hydra-Matic 350 transmission may experience hot cranking problems. This condition generally occurs at low vehicle mileage, when the engine is tight and at operating temperature due to insufficient starting motor torque.

The following chart lists the transmission type and flywheel size combinations and determines the proper starting motor to be used to correct the "hot" cranking problem.

TRANSMISSION TYPE	FLYWHEEL DIAMETER	STARTING MOTOR
Powerglide	12-3/4"	1108420 *
Turbo Hydra-Matic 350	12-3/4"	1108420 *
Powerglide	14"	1108338

* NOTE: The starting motor originally used was Part No. 1108361 which may have insufficient torque to crank the engine when hot.

To correct complaints, inspect to insure that the battery is fully charged and the cable and solenoid connections are clean and secure. The carburetor idle vent adjustment should also be checked. Should a problem still exist after this check, replace the starter using the chart as a guide.

PARTS AND LABOR DATA - 350 Cu. In., 300 H.P. Engines - Starting Motor removal and installation per 1969 Chassis Service Manual, Page 6Y-33.

QUA.	PART NO.	DESCRIPTION	P	FC	L	T	OPERATION NO.	TIME
1.	1	1108420	Starting Motor	X	58		06 8110	*

* NOTE: Use applicable 1969 Flat Rate Operation time.

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c: Dealer List
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Important That All Service Personnel Read—Please Initial

Service Manager		Shop Foreman		Service Salesman			Service Technicians									

