



# TEAM TIP

**Release Date:** March 25, 2021

# IND

**Communication #:** I-21-03-01

**Model Year(s):** 2022

— Confidential and Proprietary —

**VERSION: R01 (March 25, 2021)**

## IMPORTANT

If you are working with a printed copy, please verify you have the most current version of this document.

## SUBJECT: CHIEF DIAGNOSTIC TROUBLE CODES PURPOSE

Indian Motorcycle has identified some erroneous faults that may appear on 2022 Indian Chief models during specific events, such as cold starts with low battery voltage.

## NOTICE

The described fault codes will clear on their own. These codes do **not** require any action and should not affect motorcycle performance. If the motorcycle is not running properly, then proceed with standard troubleshooting.

Indian Motorcycle is actively investigating and working on an update to resolve these erroneous fault codes. For any questions, please open an Ask Polaris > Service & Warranty Question > All Vehicle Diagnostics case.

## AFFECTED MODELS

MODEL YEAR	MODELS
2022	Chief
	Chief Bobber
	Super Chief

## DIAGNOSTIC TROUBLE CODE DETAILS

### NOTICE

<sup>1</sup> Drive Cycle: key on, engine start, normalized idle achieved, key off.

### P1547 OR SPN 520248/31 - EMM ALARM FCCU HARDWARE MODULE

- **Occurrence:** Shortly after starting motorcycle, the check engine light comes ON.
- **Cause:** Internal software fault.
- **Correction:** Three fault-free drive cycles<sup>1</sup> will correct the fault. No Action Required.

### P1541 - ECM MONITORING ERROR

- **Occurrence:** Shortly after starting motorcycle, the check engine light comes ON.
- **Cause:** Mismatch between one of the monitoring functions checks within the ECM.
- **Correction:** Three fault-free drive cycles<sup>1</sup> will correct the fault. No Action Required.

### 92E05 2350/5 - VCM HIGH BEAM FLASH DURING COLD START

- **Occurrence:** During a cold cranking cycle, the high beam indicator may flash.
- **Cause:** Voltage drop identified.
- **Correction:** Fault turns historic when the voltage returns to normal. No action required.

### P1558 - ECM FUNCTION MONITORING BRAKE FAULT

- **Occurrence:** Light brake application during operation, amber warning light.
- **Cause:** Mismatch between brake function checks within the ECM.
- **Correction:** Corrects in approximately five seconds. No action required.

### INTERNATIONAL ONLY TROUBLE CODES

### P0135 - O2 SENSOR HEATER CIRCUIT BANK 1 (FRONT) SENSOR 1

- **Occurrence:** Shortly after starting motorcycle, the check engine light comes ON.
- **Cause:** Oxygen sensor resistance measurement out of specification.
- **Correction:** Three fault-free drive cycles<sup>1</sup> will correct the fault. No Action Required.

### P0155 OR P0141 - O2 SENSOR HEATER CIRCUIT BANK 2 (REAR) SENSOR 1

- **Occurrence:** Shortly after starting motorcycle, the check engine light comes ON.
- **Cause:** Oxygen sensor resistance measurement out of specification.
- **Correction:** Three fault-free drive cycles<sup>1</sup> will correct the fault. No Action Required.