HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING "HELP" THEN "HELP CONTENTS" AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.

THE wiTECH SOFTWARE LEVEL MUST BE AT RELEASE 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:
Engine Does Not Start at The First Attempt

OVERVIEW:
This bulletin involves upgrading the software in the Electronic Steering Lock (ESL).

MODELS:

2014-2015	(KL)	Cherokee (International Only)

NOTE: This bulletin applies to vehicles built on or before October 06, 2014 (MDH 1006XX) equipped with Export Emissions (sales codes NA1).

SYMPTOM/CONDITION:
The customer may experience where the engine fails to start at the first attempt. Initial cranking is inhibited but able to start/crank on the second attempt. On further inspection the technician may find DTC B1A92-09- "Steering Lock Motor - Component Failures" stored in the ESL Module.

DIAGNOSIS:
Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all vehicle system are functioning as designed. If Diagnostic Trouble Codes (DTCs) are present, other than the B1A92-09 record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom or if the technician finds the B1A92-09, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charger voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Reprogram the Electronic Steering Lock (ESL) with the latest software. Detailed instruction for flashing modules using the wiTECH Diagnostic Application are available by selecting "help" then "help contents" at the top of the wiTECH diagnostic application window.
2. Using wiTECH, perform a BCM, Proxy Configuration Alignment. This routine is available under the 'Vehicle Preparations' tab found on the home page of wiTECH.
3. Turn off the ignition, disconnect the wiTECH, open and close the driver's door and let all modules go to sleep.
4. Reconnect the wiTECH and clear any DTCs that may have been set in other modules due to reprogramming.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-16-90	Modules, Electronic Steering Lock (ESL) - Inspect / Reprogram ESL (0 - Introduction)	4- Chassis System	0.3 Hrs.

NOTE: The expected completion time for the flash download portion for the ESL software is approximately 5 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module