

ECM/Fuel Injector - MIL ON, DTC's P0300/P030 Set

ENGINE

EG003-01

March 16, 2001

Title:

M.I.L. "ON" P0300, P030#

Models:

'00 Celica GTS

Introduction

Under certain driving conditions, some 2000 model year Celica GTS vehicles (2ZZ-GE engine) may exhibit M.I.L. "ON" with DTC P0300 (Random Misfire) and/or P030# (Single Cylinder Misfire). The Engine Control Module (ECM) logic and fuel injectors have been modified to correct this condition.

Applicable Vehicles

^ 2000 model year Celica GTS vehicles with 2ZZ-GE engine.

MODEL	ENGINE	MODIFICATION STARTED
Celica GTS	2ZZ-GE	2001 MY

Production Change Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY/VEHICLE
89666-20082	89666-20083	Engine Control Module, MT	1
89666-20092	89666-20093	Engine Control Module, AT	1
23209-22030	23209-22060-01	Fuel Injector	4

Parts Information**Repair Procedure**

^ Should a M.I.L. "ON" condition with DTC P0300 and/or P030 # be encountered, perform diagnostic procedures as described in the Repair Manual.

^ If the problem source cannot be identified after checking all affected areas according to the Repair Manual, the cause may be an ECM logic/fuel injector malfunction. In this case, replace the ECM and all 4 fuel injectors with the updated parts.

NOTE: FOR AUTOMATIC TRANSMISSION-EQUIPPED VEHICLES-

With the countermeasure ECM (P/N 89666-20093) installed, the old button will not function while in the manual shifting ("M") mode. This countermeasure has been implemented for all 2001 model year Celica GTS ATM vehicles.

OP CODE	DESCRIPTION	TIME	OPN	T1	T2
EG1001	R & R Engine Control Computer and R & R Fuel Injectors	1.1	89666-20082 or 89666-20092	99	99

Warranty Information

Applicable Warranty*:

This repair is covered under the Federal Emissions Warranty. This warranty is in effect for 96 months or 80,000 miles, whichever occurs first, from the vehicle's in-service date.

* Warranty application is limited to correction of a problem based upon a customer's specific complaint.