

Updated August 12, 2022

CONDITION OF CONCERN

On the affected vehicles, the impeller in the low-pressure fuel pump may become deformed causing fuel pump failure. Fuel pump failure may result in engine no start and/or stall, increasing the risk of a crash. Drivers may notice this defect by a check engine light, and/or rough engine operation.

OUTLINE OF REPAIR

Improved low pressure fuel pump will be installed on the subject vehicles.

Please refer to the Repair Procedure document on MGSS for further details.

SUBJECT VEHICLES

Model	Subject VIN range	Subject production date range
2018-2019MY CX-5	JM3KF**** J* 387268 – 476254 JM3KF**** K* 500024 – 514334	From April 3, 2018 through October 27, 2018
2018MY Mazda6	JM1GL**** J1 313085 – 329168	From April 6, 2018 through October 24, 2018
2018-2019MY CX-9	JM3TC**** J0 229736 – 237357 JM3TC**** K0 300008 – 308082	From April 16, 2018 through October 17, 2018
2019MY CX-3	JM1DK**** K* 403654 – 428073	From April 10, 2018 through November 6, 2018
2018-2019MY MX-5	JM1ND**** J0 205791 – 206202 JM1ND**** K0 300011 – 303267	From April 5, 2018 through October 29, 2018
2018MY Mazda3	JM1BN**** J1 191050 – 198901	From May 7, 2018 through October 1, 2018
2019-2020MY Mazda2	3MDDJ**** KM 309487 – 316139 3MDDJ**** LM 400466 – 401990	From November 1, 2018 through January 13, 2020

The asterisk symbol "*" can be any letter or number.

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail no later than January 8, 2021.

PARTS INFORMATION

If a FUEL TANK is needed, please fill out Dealer Recall Help with photos and fuel tank part numbers you need. We will advise next steps after reviewing.

PARTS AND WARRANTY INFORMATION
Recall Campaign 5321K

Description	Part Number	Quantity	Applicable Model	Note	Scrap
Fuel Pump Kit	PEY1-13-350	1	Mazda3 (BN)	--	Yes
	PEY3-13-350		CX-5 (KF), Mazda6 (GL), CX-3 (DK), MX-5 (ND) 2.0 or 2.5 Non Turbo engine		
	PYY1-13-350		CX-5 (KF), Mazda6 (GL) CX-9 (TC)FWD 2.5 Turbo		
	PYY2-13-350		CX-5 (KF) AWD 2.5 Turbo CX-9 (TC) AWD 2.5 Turbo		
	P5Y1-13-350		Mazda2 (DJ)		
FDM Harness Part Number & Qty 1 (one harness per model only. Lengths in Red)	292135-0021 (20CM)	1	CX-5	*Mexico, Canada or US Territory vehicles only	No
	292135-0321 (17.5 CM)		CX-3 (2WD), Mazda6, CX-9, Mazda3*, Mazda2*		
	292135-1074 (25 CM)		MX-5		
	292135-0181 (22.5 CM)		CX-3 (AWD Only)		
Fuel Tank Screws	9983-30-408		All except CX-3 and Mazda2	N/A	Yes
Gasket	BBM2-42-166A	1	CX-5 (KF), Mazda6 (GL), CX-9 (TC), MX-5 (ND), Mazda3 (BN)	--	Yes
	DA8A-42-166		CX-3 (DK), Mazda2 (DJ)		
Campaign Label	9999-95-065A-06	1=50 labels	--	Obtain in Mazda e-Store (no charge)	N/A
Vehicle Emission Recall Proof of Correction Certificate *	9999-95-ERPC-99	1=50 certificates	--		

Note: Please refer to the subject VIN list for applicable part number for each VIN.



* California Department of Motor Vehicles and the Commonwealth of Massachusetts, in conjunction with the California Air Resources Board and the Environmental Protection Agency for the State of Massachusetts, have implemented the Registration Renewal/Recall Tie-In Program, which requires the completion of Emission Recalls prior to registration renewal. Mazda dealers must provide customers a **Vehicle Emission Recall – Proof of Correction Certificate** (p/n 9999-95-ERPC-99) upon completion of the recall.

WARRANTY CLAIM PROCESSING INFORMATION – USE ONLY WHEN RUSTED/SHEARED SCREWS ARE REPLACED WITH A FUEL PUMP.

This warranty information is applicable only to the specific repair for the following:

1. **5321K Recall Repair AND**
2. **Rusted/Sheared Mounting Screws (MNAO part or Locally Sourced)**

For ALL subject models	Fuel Pump Repair and Screw Replacement (MNAO Tank Screws)
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PEY1-13-350, PEY3-13-350, PYY1-13-350, PYY2-13-350, or P5Y1-13-350 & 1
Related Part No. & Quantity	BBM2-42-166A & 1 OR DA8A-42-166 & 1
Related Part No. & Quantity	99833-0408 up to Qty. 8 (max) *(1)
Labor Operation Number	XXW1NXXR
Labor Hours	Normal Recall Repair Time (below) plus Punched Actual Time for Screws (Up to 1.5 hrs)

For ALL subject models	Fuel Pump Repair and Screw Replacement (Locally Sourced Screws)
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PEY1-13-350, PEY3-13-350, PYY1-13-350, PYY2-13-350, or P5Y1-13-350 & 1
Related Part No. & Quantity	BBM2-42-166A & 1 OR DA8A-42-166 & 1
Labor Operation Number	XXW1NXXR
Labor Hours	Normal Recall Repair Time (below) plus Punched Actual Time for Screws (Up to 1.5 hrs)
Sublet H9 - (locally sourced screws only)	Sublet type code: H9 Sublet amount: Actual cost of screws *(1) Attachment ID – D14 - Invoice from vendor

(*1) If locally sourced screws are used for replacement, submit the actual cost of screws with sublet code "H9".

Actual Time must comply with all Mazda Warranty Policies and Procedures

**WARRANTY CLAIM PROCESSING INFORMATION – USE FOR LABOR TO REPLACE
COUNTERMEASURE HARNESS**

This warranty information is applicable only to the specific repair for the following:

1. 5321K Recall Repair AND
2. Labor punched if Countermeasure FDM harness is replaced

For ALL subject models	Fuel Pump Repair and Screw Replacement (MNAO Screw parts used)
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PEY1-13-350, PEY3-13-350, PYY1-13-350, PYY2-13-350, or P5Y1-13-350 & 1
Related Part No. & Quantity	BBM2-42-166A & 1 OR DA8A-42-166 & 1
FDM Harness Part Number & Qty 1 (one harness per repair/model only)	292135-0021 – CX-5 292135-0321 - CX-3 (2WD), Mazda6, CX-9, Mazda3*, Mazda2* 292135-1074 – MX-5 292135-0181 – CX-3 (AWD Only) *Mexico, Canada or US Territory vehicles only
Labor Operation Number	XXW1NXXR
Labor Hours *1	Normal Recall Repair Time (below) plus Punched Actual Time – reinstall pump/vehicle storage waiting on Countermeasure Harness (Up to 0.4)
Attachment ID – D40 – Digital Photo	Clear photo showing tear in harness

(*1) If used, Actual Time must comply with all Mazda Warranty Policies and Procedures
For example, a CX-5 the total labor above would be 0.9 (recall) + 0.4 (only what is
punched for reinstall/vehicle storage, max allowed) = 1.3 HRS labor total to repair 5321K

WARRANTY CLAIM PROCESSING INFORMATION – NO ADDITIONAL PARTS REPLACED

NOTE: All repair times below (which are equal to warranty time) include draining fuel if needed for repair when the fuel level is 3/4 to full.

Also, any additional parts require pre-authorization prior to repairing the vehicle.

If a FUEL TANK is needed, please send to Dealer Recall Help with photos and fuel tank part numbers you need. We will advise next steps after reviewing.

For CX-5 (KF)	Replacement of fuel pump
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PYY1-13-350 FWD Turbo, PYY2-13-350 AWD Turbo , or PEY3-13-350 Non Turbo & 1
Related Part No. & Quantity	BBM2-42-166A & 1 pc
Labor Operation Number	XXT83XRX
Labor Hours	0.9 Hrs

For MAZDA6 (GL)	Replacement of fuel pump
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PYY1-13-350 Turbo or PEY3-13-350 Non-Turbo & 1
Related Part No.& Quantity	BBM2-42-166A & 1
Labor Operation Number	XXT83ARX
Labor Hours	0.8 Hrs

For CX-9 (TC)	Replacement of fuel pump (2WD)	Replacement of fuel pump (4WD)
Process Number	AM039A	
Symptom Code	99	

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Damage Code	99	
Causal Part No. & Quantity	PYY1-13-350 FWD & 1	PYY2-13-350 AWD & 1
Related Part No. & Quantity	BBM2-42-166A & 1	
Labor Operation Number	XXT83ERX	XXT83HRX
Labor Hours	1.0 Hr	1.2 Hrs

For CX-3 (DK)	Replacement of fuel pump
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PEY3-13-350 & 1
Related Part No. & Quantity	DA8A-42-166 & 1
Labor Operation Number	XXT83ARX
Labor Hours	0.8 Hrs

For MX-5 (ND)	Replacement of fuel pump (for Convertible top)	Replacement of fuel pump (for Retractable top)
Process Number	AM039A	
Symptom Code	99	
Damage Code	99	
Causal Part No. & Quantity	PEY3-13-350 & 1	
Related Part No. & Quantity	BBM2-42-166A & 1	
Labor Operation Number	XXT83ARX	XXT83XRX
Labor Hours	1.5 Hrs	1.7 Hrs

For all Mazda3 and Mazda2 vehicles please contact DAG as they will need to obtain the part from the original distributor, Mexico, Canada or US Territories.

For MAZDA3 (BN)	Replacement of fuel pump
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	PEY1-13-350 & 1
Related Part No.& Quantity	BBM2-42-166A & 1
Labor Operation Number	XXT83ARX
Labor Hours	0.8 Hrs

For Mazda2 (DJ)	Replacement of fuel pump
Process Number	AM039A
Symptom Code	99
Damage Code	99
Causal Part No. & Quantity	P5Y1-13-350 & 1
Related Part No.& Quantity	DA8A-42-166 & 1
Labor Operation Number	XXT83ARX
Labor Hours	0.8 Hrs

RENTAL CAR INFORMATION

Rental expenses exceeding the two-day limit will require prior Warranty Department Authorization, regardless of the reason, as outlined in the Mazda Rental Car Reimbursement Program policy.

Mazda recommends the usage of the MCVP loaner vehicle when available. If all MCVP loaner vehicles are in use and unavailable, and the customer needs a rental car, then use your local rental facility and offer a rental car. Be sure that every effort is made to repair the car within one business day or less, so the next customer can receive the same experience.

Rental Car Warranty Claim Information

	MCVP Vehicle Preferred	Rental Agency Vehicle
Warranty Type Code	N/A MCVP does not require claim submission	A
Symptom Code		99
Damage Code		99
Part Number Main Cause		5555-53-21KR
Part Quantity		0
Labor Operation Code		MM024XRX
Labor Hours		0
Sublet – Rental Car		
Sublet Invoice Number		Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code		Enter "Z9" (other)

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Sublet Amount		Up to \$30.00 per day for the number of days customer had rental car
Sublet Text		Number of days rental car was supplied to customer