

Created: 06/02/2025 at 9:01AM
Invoiced: 06/09/2025 at 4:10PM
Payment Terms: Net 30

Totals only include authorized services

Labor	
Parts	
Subtotal	
Shop Supplies	
Tax	
Grand Total	\$2,361.99
Paid to Date	(\$2,361.99)

REMAINING BALANCE	\$0.00
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Total Payments

\$2,361.99

\$2,361.99

Trans Assembly R&I (4WD)

this repair will require a programming fee to be charged unless we install the new trans with in 30 days of 6/6/25. after 30 days we will have to pay ford again for the licensing in order to program the new transmission strategy and valve body ID into the tcm.

Description	Price	QTY	HRS	Subtotal
Labor: Trans Assembly R&I (4WD)			12	
Part: Transmission-3yr/100k mile warranty	\$6,544.80	1		
Part: ATF Full Syn. (1 QT)	\$8.75	14		
Shop Supplies (7%): \$0.00				Total: \$8,107.30

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2012 Ford F-350 Super Duty Lariat (White)
VIN: 1FT8W3BT6CEA69177
Mileage In: 364,822 mi
Mileage Out: 364,822 mi

Customer Comments

ENGINE LIGHT ON
HARD UP SHIFT AROUND 3rd, 4th GEAR
MAY NEED PROGRAMMING SINCE PREVIOUS OWNER
SAID THEY REPLACED A SHIFT SOLENOID

Recommendations

after testing everything, we know the transmission control module is bad. Tech cleared all codes and reset adaptive shifts and learned data. Then test drove it and vehicle has not set the code yet but it will soon. when it shifts into 4th gear its like it has no fourth gear at all and then squeals really bad and slams into 5th gear. it will possibly need a new transmission as well. but with the TCM being bad that can cause these symptoms and we need to verify that by installing & programming new module.

Diagnose Customers Concerns

Description	HRS	Subtotal
Labor: Diagnose Customers Concerns	2	
Shop Supplies (7%): \$0.00		Total: \$240.00

Transmission Control Module R&R

I installed the new tcm and programmed. I had to drop the transmission pan in order to retrieve the right transmission strategy and valve body id in order to finish properly programming the tcm. the fluid looked like it had been changed recently but there was some real fine clutch debris in the bottom of the pan. once programmed i took on test drive and now the code is gone and it is shifting but when engaging 4th, 5th an 6th gear you can hear the clutch packs squealing real loud and then those gears would grab and then slip out. this would keep happening while driving until there was no 4th, 5th or 6th gear. so it is going to need a transmission due to the pcm failure. the way the old pcm failed would allow those clutch packs to slip really bad and would cause them to fail if it did not get fixed immediately.

Description	Price	QTY	HRS	Subtotal
Labor: Transmission Control Module R&R			1.5	
Labor: TCM Programming			0.42	
Labor: Trans Oil Pan Gasket R&R				
Part: Module Assy - ECU	\$429.99	1		
Part: Programming Software	\$150.00	1		
Part: pcm software fees	\$950.00	1		
Part: ATF Full Syn. (1 QT)	\$8.75	8		
Shop Supplies (7%): \$112.00				Total: \$2,121.99