

PARTS INVOICE: XA110142476:01

CAUSE: BAD

DATE SHIPPED	SHIP VIA	DATE INVOICE	DELIVERY ZONE	VIN	SALE TYPE	TERMS	CUSTOMER PO#
11/14/2022	CUSTOMER PICK UP	11/29/2022			PRET	CC	

QTY SHP	QTY BKG	ITEM	DESCRIPTION	BIN
1		110M/85022656	CYLINDER HEAD, EXCH	820
1		110M/85022656-CORE	CYLINDER HEAD, EXCH CORE	CORES
-1		110M/85022656-CORE	CYLINDER HEAD, EXCH CORE	CORES

THE REMOVED CYL HEAD WHEN I
PULLED THE BLOCK INTO THE
COPAL. I DON'T KNOW WHERE IT IS.

TOTAL \$ 4,286.33

SIGNATURE X

REPALCED FITTINGS AND
RECHECKED FOR AIR LEAKS
ALL OK AT TIS TIME

Repair

COMPLAINT: PERCUSTOME
CHECK A/C OPP

CAUSE: CUSTOMER REQUEST

CORRECTION: PERFORM A/C
PERFORMANCE TEST (FAILED)
PERFORM A/C VAC LEAK TEST
(PASS) RECHARGE A/C SYSTEM
AND PERFORM A/C PERFORMANCE
TEST (PASS)

02/14/2023

Repair

AFTER THE OVERHAUL WAS
COMPLETE TECH FOUND THERE TO
BE A ISSUE WITH THE ELECTRICAL
STARTING SIDE OF THE SYSTEM
WHERE TECH WOULD HAVE TO
CYCLE THE KEY TWICE FOR THE
TRUCK TO START ADVISED
CUSTOMER AND CUSTOMER
REQUESTED FOR US TO DIAG AND
REPAIR ISSUE.

TECH CHECKED AND ADVISED AND
FOUND THAT CODES# PID 200 FMI9
(DATALINK INTERRUPTION
ENGINE CONTROL UNIT ABNORMAL
UPDATE RATE AND CODE# PID 230
FMI9 SOFTWARE FAULT ABNORMAL
UPDATE RATE.

TECH CHECKED ALL POWER AND
GROUNDS AT THE ECM AND THE
VECU ALL PASSED WITH NO
RESISTANCE)

TECH ALSO CHECKED THE DATA
LINK WIRE FROM AND TO BOTH
THE ECM AND VECU (ALL PASSED
WITH NO RESISTANCE THERE WAS
ALSO SIGNAL AND RETURN ON
BOTH CAN LINES . TO PERFORM
THIS TEST TECH HAD TO REMOVE
THE VECU FROM INSIDE THE DASH
AFTER DIAG OF THE PSID-230FMI9
CODE TECH DETERMINED THE
ISSUE WOULD BE WITH SOFTWARE
OF THE VECU.

ADVISE CUSTOMER AND
CUSTOMER WANT TO TAKE TO
THEIR SHOP FOR PROGRAMMING
AND SOFTWARE UPDATES
REINSTALL ALL DASH PARTS AND
PARTS REMOVED FOR TESTING.

2-14-23

3-7-23

3-8-23

03/06/2023

Repair

COMPLAINT: TURN SIGNAL

CAUSE: BAD SIGNAL STAT

INSTALLING CYL HEAD AND TORQUEIN TO SPECS I HAD TO DIG THROUGH BOXES AND FIND ALL PARTS TO REINSTALL I FOUND ALOT OF THE PARTS BUT THE SHOP HAD TO SUPPLY SOME AS A FEW WAS MISSING. AFTER GETTING ALL PARTS AND INSTALLING NEW OIL AND FUEL FILTERS AND FILLING WITH OIL AND COOLANT . THE ENGINE WOULD NOT START TROUBLESHOOT THE ISSUE AND FOUND THE TURBO WAS LOOCKED UP AND WOULD NOT LET UNIT BUILD PRESSURE TO START REMOVED TURBO AND INSTALLED NEW THAT WAS SUPPLIED BY CUSTOMER. GOT TRUCK RUNNING AND LET RUN AND LET RINGS SEAT AND CHECKED FOR ANY LEAKS AND FIXED ANY AND ALL AIR AND FLUID LEAKS THAT APPREARED.

STARTED REPAIRS ON 12/09-22
FINISHED REPAIRS ON 01-31-23

01/31/2023 Repair

COMPLAINT: TAIL LIGHTS

CAUSE: DAMAGED/ MISSING

CORRECTION: INSTALL NEW TAIL
LIGHTS AND RUBBER GROMENTS
ALSO INSTALL REVERSE LAMP AND
GROMMENT

01/31/2023 Repair

COMPLAINT: MUD FLAP

CAUSE: MISSING/ DAMAGED

CORRECTION: INSTALL NEW MUD
FLAPS AND BRACKET

02/08/2023 Repair

COMPLAINT: GLAD HAND LINES

CAUSE: MISSING

CORRECTION: INSTALL A 3IN1 ABS
AIR LINE SET AND GLAD HANDS &
BRACKET

02/08/2023 Repair

COMPLAINT: AIR LEAK & BRAKES IN
OPP

CAUSE: RELEASE VALVE BAD

CORRECTION: TROUBLESHOOT
ISSUE FOUND A BAD QUICK
RELEASE VALVE
REPLACE VALVE AND RETEST
AFTER RETESTING VALVE AND
CHECKING FOR AIR LEAKS TECH
FOUND 2 MORE FITTINGS LEAKING

INSTALLING CYL HEAD AND
TORQUING TORQUE WAS TOO HIGH
THROUGH BOXES AND HAD ALL
PARTS TO REINSTALL I FOUND A LOT
OF THE PARTS BUT THE SHOP HAD
TO PURCHASE AS PART WAS
MISSING. AFTER REASSEMBLING
PARTS AND INSTALLING CYL HEAD
AND PLUGS

DATE ACTIVITY

12/09/2022 Repair

DESCRIPTION

COMPLAINT: ENGINE OVERHAUL

CAUSE: BAD

CORRECTION: PERFORM ENGINE
OVERHAUL

TECH NOTES= WHEN TRUCK WAS
BROUGHT HERE TO SHOP IT
ALREADY HAD THE CYL HEAD
REMOVED AND MOST PARTS WAS
IN BOXES. THE CUSTOMER
BROUGHT THE OVERHAUL KIT AND
THE REMOVED CYL HEAD WHEN I
PULLED THE TRUCK INTO THE
SHOP I FOUND THE PISTONS WAS
RUSTED TO THE LINERS WHICH
TOOK SOME TIME TO GET THEM
UNSTUCK AND REMOVED I HAD TO
BEAT THE PISTONS OUT WITH A
HAMMER AND WOODED BLOCK
AFTER I REMOVED THE LINERS AND
PREPED THE BLOCK I INSTALLED
THE NEW LINNERS AND PISTONS.
THATS WHEN WE UNRAPPED THE
CYL HEAD AND FOUND THAT IT HAD
NOT BEEN SENT OUT TO MACHINE
SHOP TO BE CHECKED AND
SURFACED. WE CALLED THE
CUSTOMER AND THE CUSTOMER
CAME AND PICKED IT UP AND TOOK
TO A OUTSIDE SOURCE AFTER 2
MONTHS THEY BROUGHT A NEW
HEAD DUE TO IT BEING CRACKED.
BY THIS TIME WE HAD COVERED
BLOCK AND LUBED CYL LINERS AS
BEST AS WE COULD
BUT AFTER 2 MONTHS AND PULING
IT BACK INSIDE WE HAD TO REPREP
THE BLOCK AND CLEAN LINNERS
AGAIN
THE CUSTOMER ALSO DID NOT
PROVIDE NEW CYL HEAD BOLTS WE
WAS INSTRUCTED TO REUSE OLD
ONES
AFTER GETTING BLOCK READY AND

32,447
13,807
10,537

10,53
13,15
10,80

EMAPED 12/17/2020
Sales Tax

Thank you for your business
Solano, CA