

Yotamasters INC.

371 Elizabeth Lane, Suite
Corona, CA 92880 US
951-279-0220



INVOICE

BILL TO
[Redacted]

SHIP TO
[Redacted]

INVOICE 28177p
DATE 02/28/2020

LICENSE
[Redacted]

VEHICLE 90 4x4 Toyota pickup
MILLAGE 203025

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
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90 4x4 Pickup dropped off with report of the starter being problematic. The customer has had several starters replaced over the years and the current starter is about 1 year old. The vehicle has a cold start issue that is only present for the first 5 minutes upon starting, in which it bogs when given throttle and sometimes stalls. After this 5 minute window it operates normally. The customer has had several shops look into this but without success. Customer is planning to sell the vehicle soon and would like to have an overall vehicle inspection done to be able to provide a report of the overall vehicle condition and its needs.

Labor	Vehicle Inspection.	1	120.00	120.00
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The engine mounts and transfer case mount are bad allowing the engine to set out of alignment. The cold start injector has a bolt broken off in the plenum and causing a vacuum leak. The intake air boot is very hard and allowing unmetered air though it doesn't show any cracks. The Air Flow Meter is bad (verified with a good OEM unit) and has been tampered as well. Vehicle has a cold air intake and the A.I.R. resonator is dangling allowing it to drag on the fan blade. The clutch is stiff, the slave master pushrod is worn and deflecting. There are also indications of the pressure plate being tight. The clutch fluid and brake fluid could use a flush. The front brakes are at 5mm, and the rears are at 4mm. The wheel locks and key are worn. Fluids look good throughout aside from the mentioned clutch and brake fluid. The front end looks good aside from a worn idler arm and outer CV boots are torn. The engine cranking compression and power balance are good. There are some diagnostic trouble codes stored, but not actively illuminating the MIL. Codes are as follows; #12 no NE pickup coil signal. #14 Ignitor circuit malfunction. #51 switch signal error.

Labor	Inspect starter operation and need for a starter relay addition to assist engagement. This Labor will apply towards the repair or work of the starter circuit same visit.	1	120.00	120.00
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The starter is a walk in parts store brand but seems to be operating fine and getting a poor crank signal. Recommending a starter assist relay.