

A CLIENT STATES THE CHECK ENGINE LIGHT IS ON  
CAUSE: valve damaged in cylinder

11CE CLIENT STATES THE CHECK ENGINE LIGHT IS ON

62482 CPL

1 11-12-7-595-138 CYLINDER HEAD GASKET  
ASBESTO:118521

1 11-12-7-560-274 SET BOLT CYLINDER  
HEAD:111036

1 11-12-0-427-690 GASKET SET CYLINDER HEAD  
ASB:118512

8 11-34-7-547-187 EXHAUST VALVE:113040

8 11-34-7-587-470 INTAKE VALVE:113040

1 11-65-2-444-367 INSTALLATION KIT FOR  
TURBOCH:119810

1 18-30-2-756-352 CLAMP:183013

1 82-14-0-031-133 ANTIFREEZE:832540

42 83-21-2-450-384 BMW GROUP LL-01 FE 0W-30  
BUL:832511

5 11-62-7-583-110 STUD BOLT:889520

1 11-36-7-545-863 TORX BOLT:889520

1 11-36-7-536-087 TORX BOLT:889520

1 11-31-7-631-972 GASKET RING:889520

1 11-65-7-634-747 HEAT RESISTANT

PLATE:11609965

1 11-11-7-568-264 SHAFT SEAL:118526

92514 valve damaged in cylinder 24.50 verified engine running rough with misfire, performed leak down and compression test, found no compression in cylinder 3. using boroscope, found broken valve in cylinder 3. as per customer approval removed cylinder head, removed replaced all valves and seals, installed cylinder head, re timed vehicle, also removed replaced leaking front crank seal. upon completion of repairs reset engine adaptations and vanos adaptations, road tested to verify repair and correction of leaks.

Original Estimate (Parts & Labor)	Total Additional Cost Authorized	Approved By:	Date & Time	Manner of Authorization	ALL PARTS INSTALLED ARE NEW AND ALL	DESCRIPTION LABOR AMOUNT	TOTALS
\$	\$			<input type="checkbox"/> In Person <input type="checkbox"/> Via Telephone <input type="checkbox"/> Via Fax <input type="checkbox"/> Via E-Mail			

A CLIENT STATES THE CHECK ENGINE LIGHT IS ON  
 CAUSE: exhaust valve burned

1112154 Disassembling and assembling cylinder head

62482 WM

1 11-12-7-595-138 CYLINDER HEAD GASKET

ASBESTO:118521

1 11-12-7-560-274 SET BOLT CYLINDER

HEAD:111036

1 11-12-0-427-690 GASKET SET CYLINDER HEAD

ASB:118512

4 11-34-7-547-187 EXHAUST VALVE:113040

1 11-65-2-444-367 INSTALLATION KIT FOR

TURBOCH:119810

1 18-30-2-756-352 CLAMP:183013

1 82-14-0-031-133 ANTIFREEZE:832540

42 83-21-2-450-384 BMW GROUP LL-01 FE 0W-30

BUL:832511

10 11-34-1-438-142 VALVE COLLET:11109934

1 11-62-7-583-110 STUD BOLT:889520

1 18-30-7-598-251 STUD BOLT:889520

1 11-36-7-545-863 TORX BOLT:889520

1 11-36-7-536-087 TORX BOLT:889520

1 11-31-7-631-972 GASKET RING:889520

42 83-21-2-450-384 BMW GROUP LL-01 FE 0W-30

BUL:832511

1 11-13-7-546-275 GASKET RING:889520

1199000 WT

62482 WM

1100500 ENGINE TEST

62482 WM

6121528 CHARGING BATTERY

62482 WM

0000556 Performing vehicle test (with vehicle

Original Estimate	Total Additional Cost	Approved By:	Date & Time	Manner of Authorization	ALL PARTS INSTALLED
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PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A:

94506 exhaust valve burned connected icom and battery charger, performed vehicle test found fault code for cylinder 2 misfire(dw punch) removed spark plugs and coil for inspection, found signs of fuel fouling on spark plug for cylinder 2, swapped known good plug and coil to cylinder 2, misfire still present. performed inspection of cylinder with boroscope, found exhaust valve on cylinder 2 failed. (regular punch) removed cylinder head from vehicle as per rep 11 12 100, upon removal of cylinder head, removed exhaust camshaft and exhaust valves form cylinder 2(dw punch) performed valve lapping/grinding for new exhaust valves on cylinder 2(regular punch) installed new exhaust valves after lapping/grinding, installed exhaust camshaft, installed cylinder head to engine. upon completion filled and bled coolant system, drained and filled engine oil, road tested to verify repair. Repair covered under part warranty repair done on RO 20021 on 1/8/2018 at 92525 mi

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B MULTI-POINT VEHICLE INSPECTION

CAUSE: COMPLETED MULTIPPOINT INSPECTION  
 00MPI MULTI-POINT VEHICLE INSPECTION  
 62482 ISP

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE B:  
 94506 PERFORMED MPI

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C MINI BUBBLE BATH

CAUSE: COMPLETED COMPLIMENTARY MINI BUBBLE BATH

Original Estimate (Parts & Labor)	Total Additional Cost Authorized	Approved By:	Date & Time	Manner of Authorization	ALL PARTS INSTALLED	DESCRIPTION