

SOUTH BAY BMW·MINI

www.southbaybmw.com

SALES - SERVICE - PARTS

www.southbaymini.com

18800 Hawthorne Boulevard
Torrance, CA 90504
(310) 939-7300

B.A.R. AJ207347 E.P.A. # CAD 982041725

09532 FS

----- INVOICE TO ----- MONIER, JACQUES TORRANCE CA 90503 CELL: (310) HOME: (310) ----- FOR OFFICE USE -----	----- DRIVER/OWNER INFORMATION ----- INVOICE: W54940 MONIER, JACQUES TORRANCE CA 90503 CELL: HOME: ----- VEHICLE INFORMATION ----- TAG: 7766 ADV: 109 HERNANDEZ INVOICE: PRELIM WAR W C LH VIN WBABW7356 LICENSE NUMBER: CA TAX RULES: YNNN INVOICED: 11/14/2007 14:20:01 07 BMW 335CI 2DR CPE ODOMETER IN: 10319 OUT: 10332 DIST: WBA DATES BEGIN: 11/05/07 DONE: 11/14/07
---	---

CONCERN 51 CUSTOMER STATES SES LIGHT REDUCED POWER WARNINGM LIGHT HAS COME ON , CAR OPERATION TECH HOURS AMOUNT
 IDLES ROUGH AND HAS GREAT LOSS OF POWER INSPECT AND ADVISE 51 448 .00
 CAUSE PER PUMA
 CORRECTION REPLACED CRANKSHAFT CENTER HEX BOLT, CRANKSHAFT HUB WASHER AND FRICTION RINGS FOR OIL PUMP DRIVE CHAIN MODULE. PERFORMED ENGINE TIMING RESET. PERFORMED 4 WHEEL ALIGNMENT WITH AFS. TEST FUCNTIONS, TEST DROVE OK @ THIS TIME.

COMMENT PUMA CASE # 13859843
 DUPLICATED CUSTOMER CONCERN. CHECKED FC. FOUND FC IN DME FOR 2A99 CRANKSHAFT-EXHAUST CAMSHAFT CORRELATION VALUE OUTSIDE REFERENCE RANGE, FC 2A87 EXHAUST VANOS, MECHANISM STIFF; JAMMED MECHANICALLY. RAN TEST PLAN, TEST PLAN SHOWED EXHAUST VANOS ACTUAL POSITION @ -85 DEGRESS SPEC. -109 DEGREE +/- 5 DEGREE. PERFORMED VANOS SOLENOID SWAP REFER TO SIB 11 05 05. RAN VEHICLE THEN CHECKED FC. FOUND NEW FC 2A82 VANOS INTAKE STIFF; JAMMED MECHANICALLY. CREATED PUMA CASE FOR CONCERN. PUMA ADVISED TO CHECK. OIL LEVEL/CONDITION, OIL PRESSURE, CONTAMINATION/DEBRIS AND ENGINE TIMING. OIL LEVEL/CONDITION OK, OIL PRESURE OK, NO CONTAMINATION/DEBRIS, HAD TO R&I VALVE COVER TO CHECK TIMING. NOTICED EXHAUST TIMING IS OFF. NOTIFY PUMA, PUMA ADVISED TO REPLACED CRANKSHAFT CENTER HEX BOLT, WASHER FOR CRANKSHAFT HUB UNIT, (CONTINUE ON LINE 54)

PART NUMBER	PO#	NOTE	DESCRIPTION	QTY	SELL
BMW 11 14 0 392 555			SET, ALUMINUM SCREWS	1	
BMW 11 12 7 565 286			GASKET	1	
BMW 11 21 1 439 395		NSTK	*HEX BOLT	1	

PAGE 1

I acknowledge notice and oral approval of any additional customer or warranty work performed and/or increase in the original estimate price. I also acknowledge and approve all repairs as itemized and receipt of vehicle. I also acknowledge receipt of additional Consumer and Warranty information contained on the reverse side.

CUSTOMER SIGNATURE X

Original Estimate \$ _____ Authorized Revised Estimate \$ _____
 CUSTOMER

ON LINE SERVICE INVOICING BY UCS © 1979

SOUTH BAY BMW·MINI

www.southbaybmw.com

SALES - SERVICE - PARTS

www.southbaymini.com

18800 Hawthorne Boulevard
Torrance, CA 90504
(310) 939-7300

B.A.R. AJ207347 E.P.A. # CAD 982041725

09632 FS

----- INVOICE TO -----		----- DRIVER/OWNER INFORMATION -- INVOICE: W54940	
MONIER, JACQUES		MONIER, JACQUES	
----- FOR OFFICE USE -----		----- VEHICLE INFORMATION -----	
TAG: 7766 ADV: 109 HERNANDE INVOICED: 11/14/2007 14:20:01 LH 07 335CI		LICENSE NUMBER: CA 	
BMW 11 23 7 557 561	NSTK	*WASHER	1
BMW 11 41 7 563 246	NSTK	*WASHER	2
BMW 11 36 7 524 954		COLLAR SCREW	1
BMW 11 13 7 548 031		GASKET	1
BMW 11 13 0 392 549		SET, ALUMINUM SCREWS	1
BMW 07 11 9 963 151		12X17 GASK RING	1
BMW 32 41 6 778 543	NSTK	*GASKET RING	2
BMW 11 11 7 530 262	NSTK	*COVER	1
BMW 11 11 7 547 842	NSTK	*SHAFT SEAL	1
BMW 82 14 1 467 704		ANTIFREEZE	1
BMW 82 11 1 468 041		PENTOSIN CHF 11S	2
BMW 07 51 0 017 954		55 GALLON DRUM 5W30	7
BMW 83 19 7 536 051		LOCTITE 128357	1
BMW 83 19 7 515 683		PRIMER	1
FACTORY TECH: 448 - LY, JIMMY			
CONCERN 54* REFER TO LINE #51		OPERATION	TECH HOURS AMOUNT
CAUSE	ADDITIONAL DIAGNOSIS REPORT PER LINE 51	54	448 .00
CORRECTION	ADDITIONAL DIAGNOSIS REPORT PER LINE 51 PUAM ADVISED TO REPLACE FRICTION RINGS ON OIL PUMP DRIVE CHAIN MODULE. PER REPAIR INSTRUCTIONS HAD TO DRAIN OIL, P/S, COOLANT FLUID, R&I AIR BOX, AIR DUCT, FAN, INTERCOOLER, RADIATOR, SUBFRAME, OIL PAN, TENSIONERS, PULLEYS, CRANKSHAFT HEX BOLT AND HUB, AND OIL PUMP DRIVE CHAIN MODULE. REPLACED CRANKSHAFT CENTER HEX BOLT AND WASHER ON HUB UNIT, REPLACED FRICTION RINGS ON OIL PUMP DRIVE CHAIN MODULE. AFTER REPAIRS RAN VEHICLE @ IDLE FOR 30MINS CHECKED FOR LEAKS OK. RAN TEST PLAN FOR EXHAUST AND INTAKE VANOS BOTH ANGLES ARE IN SPEC. PER INSTRUCTION PERFORMED 4 WHEEL ALIGNMENT W/ AFS, PERFORMED ACTIVE STEERING ANGLE AND STEERING ANGLE CALIBRATION. CLEARED FAULTS, TEST DROVE, CHECKED FOR LEAKS OK @ THIS TIME.		
FACTORY	TECH: 448 - LY, JIMMY		

ON LINE SERVICE INVOICING BY UCS © 1979

I acknowledge notice and oral approval of any additional customer or warranty work performed and/or increase in the original estimate price. I also acknowledge and approve all repairs as itemized and receipt of vehicle. I also acknowledge receipt of additional Consumer and Warranty information contained on the reverse side.

CUSTOMER SIGNATURE X

Original Estimate \$ _____ Authorized Revised Estimate \$ _____

CUSTOMER