

518223



INVOICE

PAGE 1

SERVICE ADVISOR

| | | | | | | | |
|-------------|------------|------------------------------|----------|---------|-----------------|---------|-----------|
| COLOR | YEAR | MAKE/MODEL | VIN | LICENSE | MILEAGE IN/ OUT | TAG | |
| 799/268 | 11 | MERCEDES GL350BT | | | 176953/176959 | T226 | |
| DEL DATE | PROD. DATE | WARR. EXP. | PROMISED | PO NO. | RATE | PAYMENT | INV. DATE |
| 08DEC10 | DD05NOV10 | 07DEC2014 | 15:00 | 08JUL19 | 158.00 | VAR | 09JUL19 |
| R.O. OPENED | READY | OPTIONS: STK:97322 DLR:8-628 | | | | | |
| 08JUL19 | 09JUL19 | | | | | | |

| LINE | OPCODE | TECH | TYPE | HOURS | LIST | NET | TOTAL |
|------|--------|------|------|-------|------|-----|-------|
|------|--------|------|------|-------|------|-----|-------|

A PLEASE CHECK AND ADVISE, VEHICLE IS CHUGGING UPON ACCELERATION BETWEEN 45-60KM/HR AT APPROX 1500RPM, CUSTOMER NOTICED OIL PAN CATCHING OIL AND IS CONCERNED MAY BE RELATED
 DIAG DIAGNOSE FOR ROUGH ACCELERATION

7205 CP 0.00 0.00 0.00 0.00 TOTAL LINE A: 0.00 0.00
 PARTS: 0.00 LABOR: 0.00 OTHER: 0.00

CONFIRMED ON ROAD TEST, LOW RPM 1200-1500 RPM WITH LIGHT ACCELERATION INTERMITTENTLY CHUGS. FEELS LIKE MISFIRE. PERFORMED STAR DIAGNOSIS QUICK TEST. NO RELEVANT CODES STORED. PERFORMED ELECTRONIC COMPRESSION. 14-19 RPM DIFFERENCE, SPEC IS LESS THAN 7 RPM. CHECKED SMOOTH RUNNING VALUES OF FUEL INJECTORS WITH SERVICE MANAGER: WITHIN SPEC BUT COULD STILL BE A INJECTOR ISSUE. RECOMMENDING MANUAL COMPRESSION TEST NEXT. WAITING FOR CUSTOMER APPROVAL. PERFORMED VISUAL INSPECTION WITH SHOP FOREMAN. SOME OIL FROM MAF SENSOR SEAL, SOME OIL ON BELLY PAN. OIL LEAK WILL REQUIRE FURTHER DIAGNOSIS, BUT POSSIBLE OIL COOLER SEALS.

B PERFORM MULTI-POINT INSPECTION
 MPI PERFORM MULTI POINT INSPECTION

7223 CP 0.00 0.00 0.00 0.00 TOTAL LINE B: 0.00 0.00
 PARTS: 0.00 LABOR: 0.00 OTHER: 0.00

PERFORM MPI

C** PERFORM COMPRESSION TEST AND ADVISE (2.7)
 CAUSE: DIAGNOSE AND TRACE PROBLEM
 DIAG PERFORM COMPRESSION TEST AND ADVISE

7223 CP 0.00 426.60 0.00 0.00 TOTAL LINE C: 426.60 426.60
 PARTS: 0.00 LABOR: 426.60 OTHER: 0.00

REMOVE ENGINE COVER, REMOVE ENGINE BAY CROSS BRACE. REMOVE CLEAN AIR PIPE. REMOVE ALL 6 GLOW PLUGS. CONNECT COMPRESSION TESTOR . PERFORM COMPRESSION TEST. FOUND CYL #1 AND 2 ARE VERY LOW. ALSO NOTED ALL CYLINDERS ARE BELOW SPECIFICATION . . SEE RESULTS SHEET. ENGINE REBUILD MAY BE REQD..

EXCLUSION OF WARRANTIES

Any warranties on the parts and accessories sold hereby are made by the manufacturer. The above purchaser understands and agrees that dealer makes no warranties of any kind, express or implied, and disclaims all warranties, including warranties of merchantability or fitness for a particular purpose, with regard to the parts and/or accessories purchased; and that in no event shall dealer be liable for incidental or consequential damages or commercial losses arising out of such purchase. The undersigned purchaser further agrees that the warranties excluded by dealer, include, but are not limited to any warranties that such parts and/or accessories are of merchantable quality or that they will enable any vehicle or any of its systems to perform with reasonable safety, efficiency, or comfort.

| DESCRIPTION | TOTALS |
|----------------|--------|
| LABOR AMOUNT | |
| PARTS AMOUNT | |
| GAS, OIL, LUBE | |
| SUBLET AMOUNT | |
| MISC. CHARGES | |
| TOTAL CHARGES | |
| LESS INSURANCE | |
| SALES TAX | |

I hereby authorize Lone Star Inc. to collect, use and disclose the personal information in this document in accordance with and for the purposes identified in Lone Star's Privacy Policy, which purposes I acknowledge have been communicated to me.

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INVOICE

PAGE 2

SERVICE ADVISORY

| YEAR | MAKE/MODEL | VIN | LICENSE | MILEAGE IN/OUT | TAG | | |
|-------------|---------------------|------------|------------|------------------------------|--------|---------|-----------|
| 799/268 | 11 MERCEDES GL350BT | [REDACTED] | [REDACTED] | 176953/176959 | T2263 | | |
| DEL DATE | PROD. DATE | WARR. EXP. | PROMISED | PO NO. | RATE | PAYMENT | INV. DATE |
| 08DEC10 | DD05NOV10 | 07DEC2014 | 15:00 | 08JUL19 | 158.00 | VAR | 09JUL19 |
| R.O. OPENED | | READY | | OPTIONS: STK:97322 DLR:8-628 | | | |
| 08JUL19 | | 09JUL19 | | | | | |
| LINE | OPCODE | TECH | TYPE | HOURS | LIST | NET | TOTAL |

*****THE FOLLOWING WORK WAS RECOMMENDED BUT NOT PERFORMED*****

DESCRIPTION: FURTHER DIAGNOSE FOR OIL LEAKS (1.0)
 REASON DENIED: LAT Customer will have work performed later
 PERSON CONTACTED: [REDACTED]
 COMMENTS: WILL DECIDE LATER
 RECOMMENDED BY: 7223 LOHUES DENIAL ADDED BY: 7797 HAY
 LINE ASSOCIATED: A ESTIMATE: 158.00

CREATED 2019-07-02 09:47:00AM

Mercedes-Benz

EXCLUSION OF WARRANTIES

Any warranties on the parts and accessories sold hereby are made by the manufacturer. The above purchaser understands and agrees that dealer makes no warranties of any kind, express or implied, and disclaims all warranties, including warranties of merchantability or fitness for a particular purpose, with regard to the parts and/or accessories purchased; and that in no event shall dealer be liable for incidental or consequential damages or commercial losses arising out of such purchase. The undersigned purchaser further agrees that the warranties excluded by dealer, include, but are not limited to any warranties that such parts and/or accessories are of merchantable quality or that they will enable any vehicle or any of its systems to perform with reasonable safety, efficiency, or comfort.

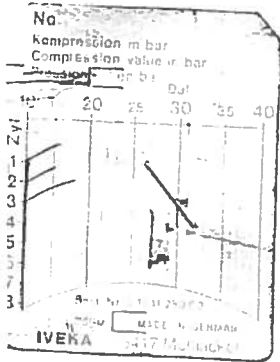
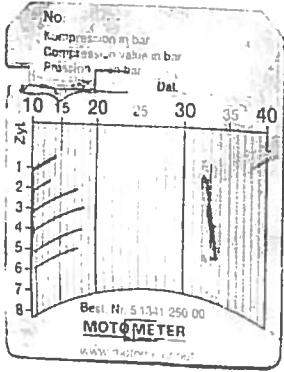
By signing this invoice, the customer hereby authorizes Lone Star Inc. to collect, use and disclose the personal information in this document in accordance with and for the purposes identified in Lone Star's Privacy Policy, which purposes I acknowledge have been communicated to me.

CUSTOMER SIGNATURE

| DESCRIPTION | TOTALS |
|------------------------|--------|
| LABOR AMOUNT | 426.60 |
| PARTS AMOUNT | 0.00 |
| GAS, OIL, LUBE | 0.00 |
| SUBLET AMOUNT | 0.00 |
| MISC. CHARGES | 0.00 |
| TOTAL CHARGES | 426.60 |
| LESS INSURANCE | 0.00 |
| SALES TAX | 21.33 |
| PLEASE PAY THIS AMOUNT | 447.93 |

CUSTOMER COPY

| | | | |
|--------------------|--|-----------------|-----------------|
| Number | Designation RO 518223 | Engine 642.9 | Engine 642.8 |
| BE01 00-P-1001-01A | Compression pressure installation tolerance or new bar value | 27 to 32 | 23 to 30 |
| BE01 00-P-1003-01A | Compression pressure permissible difference between individual cylinders bar | ≤3 | ≤3 |



| Number | Designation | Engine | Engine |
|--------------------|--|--------|----------|
| BE01.00-P-1001-01A | RD 518223 | 642.9 | 642.8 |
| BE01.00-P-1003-01A | Compression pressure installation tolerance or new bar value | ≤3 | 23 to 30 |
| | Compression pressure permissible difference between individual cylinders | bar | ≤3 |

No.

Kompression in bar

Compression value in bar

Pression en bar

Dat.

10

15

20

25

30

35

40

Zyl

1

2

3

4

5

6

7

8

Best. Nr. 5 1341 250 00

MOTOMETER

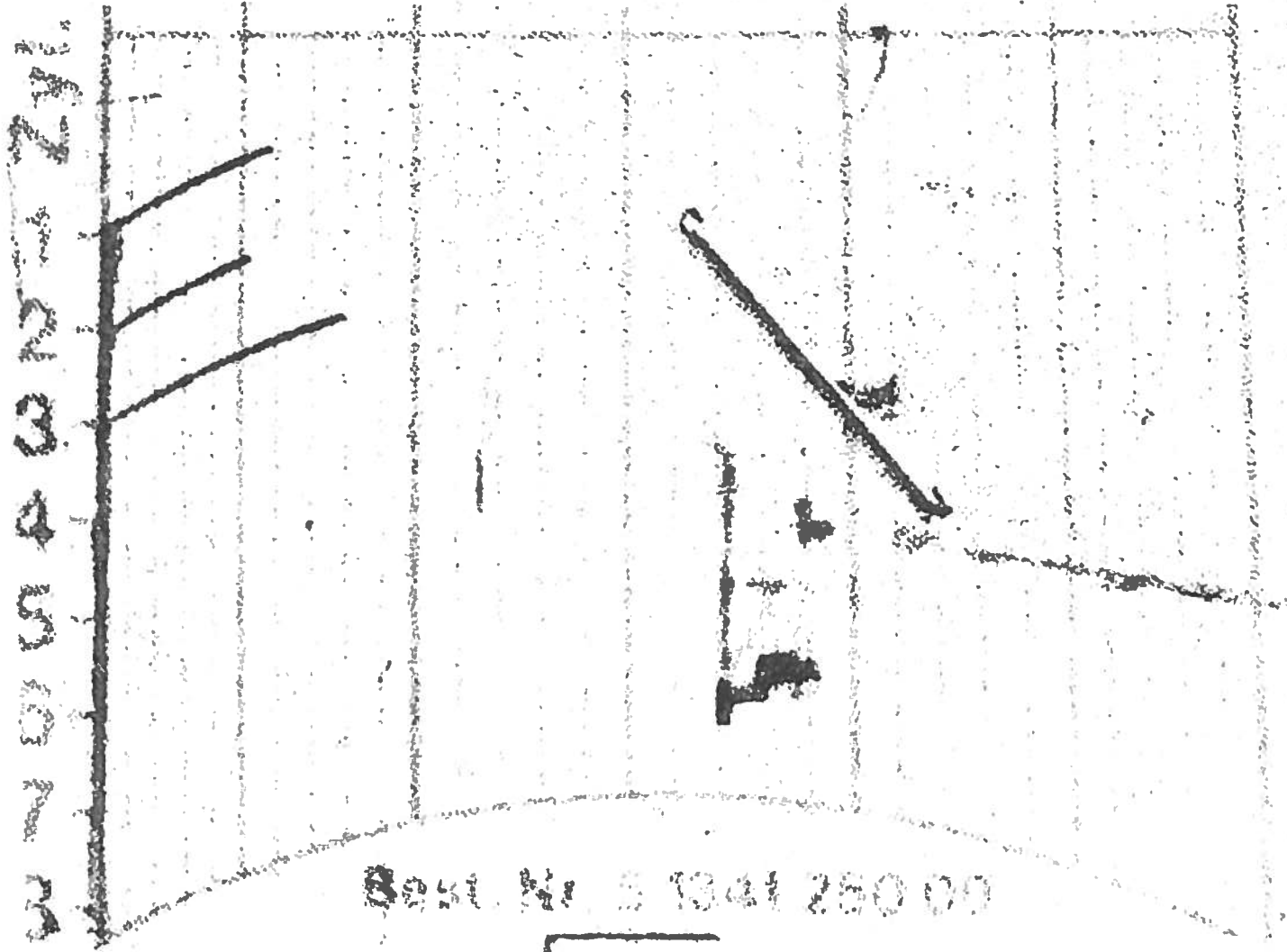
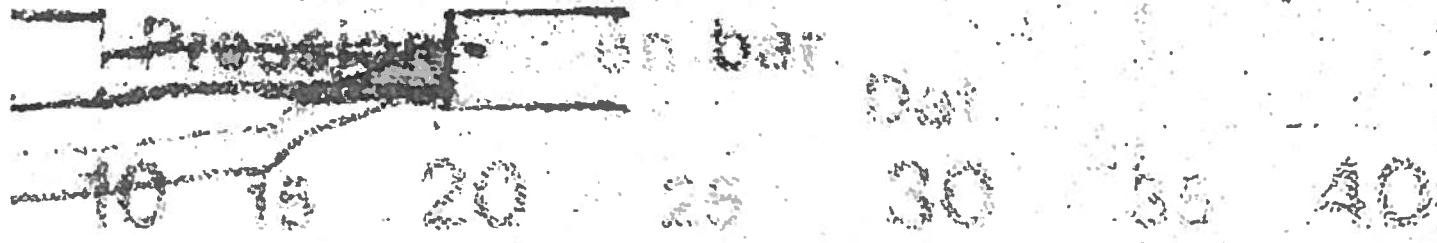
www.motometer.de.net

No.

Kompression in bar

Compression in bar

~~Pressure~~ in bar



1341 250 00



MADE IN GERMANY

IVEKA

75417 Muhlacker