From
Transport Commissioner,
Motor Vehicles Department, GoK

To
All Deputy Transport Commissioners,
All Regional Transport Officers,
All Joint Regional Transport Officers.

Sir,
Sub: M.Vs.Dept - Approval for Registration of Bajaj RE Diesel-Passenger
L5M manufactured by M/s.Bajaj Auto Ltd-Copy of certificates-forwarding of-reg.

M/s. Bajaj Auto Ltd, Cochin in their letter reference 1st cited has requested to grant
approval for the registration of following vehicle (BSIV –L5M ) manufactured by M/s. Bajaj
Auto ,Ltd.

Bajaj RE Diesel
The Automotive Research Association of India has granted approval to above vehicles and
certified that the vehicles comply with the CMV Rules 1989. The details of ARAI Certificate has
been communicated to your office by E-MAIL.

All the Registering Authorities and Additional Registering Authorities are directed to
register the above vehicles subject to the compliance of CMV Rules, 1989 as amended up-to-date.
They are also directed to verify the compliance of provisions of Act and Rules other than those
mentioned in the ARAI certificate.

Yours faithfully,
Sd/-
V SURESHKUMAR
JOINT TRANSPORT COMMISSIONER
For Transport Commissioner

Copy to: M/s .Bajaj Auto Ltd, 4th Floor Manjooran Estate, Bye-Pass Jn. Edapally, Kochi-682024 - for
information.

Approved for Issue

Senior Superintendent
January 28, 2019

To
The Transport Commissioner
Government of Kerala
Transport Bhavan
Trivandrum, Kerala

Dear Sir,

We are pleased to inform you that "M/s. Automotive Research Association of India, Pune have, vide their Certificate No. AALN 0184 / R01 dated 19th December 2018, certified for compliance to the Central Motor Vehicles Rules, in respect of our existing products "RE Compact DIESEL" as amended up-to-date, with Bharat Stage IV, have rechristened as "BAJAJ RE DIESEL".

<table>
<thead>
<tr>
<th>Model rechristened as</th>
<th>ARAI Certificate No &amp; Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAJAJ RE DIESEL</td>
<td>AALN 0184/R01 dt 19th December 2018</td>
</tr>
</tbody>
</table>

We are sending herewith the notarized copy of this certificates for your information & perusal.

Request your good office to give registration approval for the above referred rechristened product & to advise all the RTAs in the state for registering this product as "BAJAJ RE DIESEL" with the changes made thereto.

Thanking you,

For Bajaj Auto Limited

PRADEEP RAMACHANDRAN
Regional Manager – CV (Kerala)

Encl : a/a
CERTIFICATE

FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documental verification/necessary testing was carried out, on the following rechristened base model, submitted by the vehicle manufacturer referred below:

<table>
<thead>
<tr>
<th>Certificate Reference</th>
<th>Vehicle Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AALN 0184</td>
<td>M/s. Bajaj Auto Ltd., Akurdi, Pune - 411035</td>
</tr>
<tr>
<td>dt. 17.07.2017</td>
<td>Plant: Waluj, Aurangabad - 431136</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base Model</th>
<th>GVW, kg</th>
<th>Rev. Specs. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earlier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rechristened</td>
<td>681, 687</td>
<td>T07.A96.00 Rev.03, T01.A96.00 Rev.11</td>
</tr>
<tr>
<td>RE Compact DIESEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BAJAJ RE DIESEL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. It is certified that the above rechristened base model complies with the provisions of the Central Motor Vehicles Rules, 1989, as amended up-to-date.

3. Additional specifications (Nos. given above) indicating changes other than those endorsed alongwith the base certificate, for the vehicle model, duly endorsed, are enclosed herewith.

4. This certificate may be read in conjunction with the Type Approval Certificate(s)(*) referred in ANNEXURE-I.

Disclaimer:

1. ARAI issues “Type Approval Certificates” (TAC) for vehicles/ components/ parts/ assemblies etc. based on the documents produced and/or prototype/s submitted by the applicant and testing thereof.

2. ARAI issues TAC in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of TAC.

3. Tests on prototype(s) is/are carried out on the basis of standard procedures as notified under specific rules. Results of such tests are the property of bearer of TAC. These results cannot be disclosed unless specifically so ordered by Government, Court, etc.

4. The bearer of the TAC is under obligation to ensure production strictly as per the provisions of the specific TAC.

5. ARAI is not responsible for testing each vehicles/ components/ parts/ assemblies etc. for which TAC is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the type approved vehicles/ components/ parts/ assemblies etc.

6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the TAC.

7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of TAC and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.

8. ARAI has the right, but not under obligation, to initiate cancellation/ withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI.

The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate/ Report.

A. A. BADUSHA
SR. DEPUTY DIRECTOR & HEAD
HOMOLOGATION MANAGEMENT, REGULATION & VEHICLE EVALUATION, ARAI, PUNE.

Place of Issue: Pune

AUTHORISED SIGNATORY

Mrs. RASHMI URDHWARESHE
DIRECTOR
ARAI, PUNE.

Page 1 of 1

ATTESTED

VILAS ANANTA KUTE
Reg. No. 1519

10 JAN 2019

ABN ISO 9001, ISO 14001, OHSAS 18001 Certified and ISO/IEC17025 Accredited Organization

19/07/2019 14:00:41 IST
### Vehicle data
- **Basic model**: NA
- **BAJAJ RE DIESEL**: 3 Wheeler (BS IV) / Passenger
  - **Make**: Bajaj Auto Ltd.
  - **Model**: BA
  - **Type**: Four Stroke, Compression Ignition Engine
  - **Bore x stroke, mm**: 86 x 81
  - **No. of cylinders**: Single cylinder engine
  - **Displacement**: 470.5 cc
  - **Compression ratio**: 6.24 kW @ 2800 rpm. As per TAP 115/116
  - **Max. Engine output, kW @ rpm**: Tolerance as per TAP 115/116
  - **Max. Torque, Nm @ rpm**: 24 Nm @ 1800 rpm. As per TAP 115/116
  - **Tolerance as per TAP 115/116**: Dry Paper Element
  - **Air cleaner type**: Dry Clutch
    - **Type**: Bajaj Auto Ltd. / BAJAJ RE DIESEL
    - **Make & Model**: Manual
    - **Type**: 5 Forward + 1 Reverse
    - **No. Of gears**: Front axle ratio
    - **Reverse**: 16.95
    - **Rear**: 4.11
    - **1st**: 18.43
    - **2nd**: 10.63
    - **3rd**: 7.24 or 7.62
    - **4th**: 5.41
BRIEF TECHNICAL SPECIFICATIONS FOR MOTOR VEHICLES

Steering
- Type / Description
- Steering wheel diameter, mm
- Ratio

Frame
- Long member size, mm
- Number of cross members

Suspension
- Type / Description
- Spring
- Anti-roll bar
- Shock absorbers

Brake
- Service brake (Brief description)

- Auto Slack Adjuster Fitted (Yes / No / Optional)
- ABS Fitted (Yes / No / Optional)
- Front (Disc / Drum)
- Rear (Disc / Drum)

Parking brake
Secondary brake

Wheels and tyres
- Wheel rim size
- Tyre size designation including ply rating
- Speed index
- Load index / Load rating
- Tyre Type (Radial / Cross / Tube / Tubeless)

Electrical system
- System voltage, V
- Battery rating, Ah

Wiper motor
- Wiping system (Brief description)

Fuel tank
- Material
- Capacity, l
- Type of Fuel

Dimensions
- Wheel base, mm
- Handle Bar
- NA
- NA
- Monocoque
- NA
- NA
- Front: Swing arm, Rear: Swing arm
- Front & Rear: Helical coil compression spring
- NA
- Front: Hydraulic, Rear: Hydraulic
- Single control, right foot operated hydraulic brakes with TMC
- Yes
- No
- Drum
- Drum
- 320.4 or 291.6
- Mechanical, Hand Lever operated
- Unfailed part of service brake
- Front: One, Pneumatic, Rear: Two, Pneumatic
- Front & Rear: 3.00D X 8 OR 3.0B X 8
- Front & Rear: Tyre: 4.00-8 4PR, 6PR
- E or F
- 70 or 76
- Cross ply, with tube
- Front: 2.1 kg/cm², Rear: 2.4 kg/cm²
- 12V
- 12 V, 32 A.h
- Electrical
- Single speed electrical wiper motor with wiper arm and blade
- Metallic
- Full - 8 liters

Manufacturing No:
T07.A96.00 Rev.03

S.K. DESHPANDE
SR MGR (R&D)
BAJAJ AUTO LTD

Test Agency:
Cert No:

A R A I
THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA

Page 2 of 6
# BRIEF TECHNICAL SPECIFICATIONS FOR MOTOR VEHICLES

**BAJAJ**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width, mm</td>
<td>1300</td>
</tr>
<tr>
<td>Overall length, mm</td>
<td>2635</td>
</tr>
<tr>
<td>Overall height, mm</td>
<td>1700</td>
</tr>
<tr>
<td>Front track, mm</td>
<td>NA</td>
</tr>
<tr>
<td>Rear track, mm</td>
<td>1150</td>
</tr>
<tr>
<td>Min. ground clearance, mm</td>
<td>170</td>
</tr>
<tr>
<td>Cargo box dimensions, mm</td>
<td>NA</td>
</tr>
<tr>
<td>Load body platform area</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Weights</strong></td>
<td></td>
</tr>
<tr>
<td>Maximum GVW, kg (for rigid vehicles)</td>
<td>Maximum 681, 687#</td>
</tr>
<tr>
<td>Maximum GCW, kg (for articulated / combination vehicles)</td>
<td>NA</td>
</tr>
<tr>
<td>Maximum FAW, kg</td>
<td>210</td>
</tr>
<tr>
<td>Maximum RAW, kg</td>
<td>480</td>
</tr>
<tr>
<td>Kerb weight with 90% fuel (with spare wheel, tools, etc.), kg</td>
<td>374, 380#</td>
</tr>
<tr>
<td><strong>Maximum gradeability in 1st gear</strong></td>
<td></td>
</tr>
<tr>
<td>Vehicle Max Speed in unladen condition</td>
<td>60 km/h in Fifth gear</td>
</tr>
<tr>
<td>Vehicle Max Speed in laden condition</td>
<td></td>
</tr>
</tbody>
</table>

**Seating**

- Seating capacity: 4 persons (Including driver)
- Sketch showing seating layout with dimensions: Refer Drg.No. BA000072, AA010118 Mod1#

**Note:** #Optional- With twin Head Lamp.

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**TRUE COPY**

**VILAS ANANTA KUTE**

**NOTARY**

**UNION OF INDIA**

Viththalwadi, Akurdi, Pune-35

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**Manufacturer:** S.K. DESHPANDE
**Signature, Name & Designation:** SR MGR (R&D)
**Document No.:** AALN 0184 R01
**Page:** 3 of 3
**Date:** 06-Dec-2018

**Cert No.:** A01155

---

**Test Agency:**
**Signature, Name & Designation:**
**Cert No.:**
**Date:** 06-Dec-2018
## Table 11

**DETAILS OF LOCATION FOR CHASSIS NUMBER (VEHICLE IDENTIFICATION NUMBER) AND CODE FOR MONTH AND YEAR OF MANUFACTURE AS PER RULE 122 OF CMVR**

<table>
<thead>
<tr>
<th>Name Of Vehicle Manufacturer &amp; Address</th>
<th>M/s Bajaj Auto Ltd, Akurdi, Pune-411035.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the basic model</td>
<td>BAJAJ RE DIESEL</td>
</tr>
<tr>
<td>Name of variants, if any</td>
<td>---</td>
</tr>
<tr>
<td>Place of embossing / etching/ punching the chassis no. (vehicle identification number) (supporting details by drawing or pictures may be provided if necessary)</td>
<td>On LH side of Chassis member, below Driver seat</td>
</tr>
</tbody>
</table>

### CODE FOR MONTH AND YEAR OF PRODUCTION

<table>
<thead>
<tr>
<th>Month</th>
<th>Code</th>
<th>Month</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>K</td>
<td>July</td>
<td>D</td>
</tr>
<tr>
<td>February</td>
<td>L</td>
<td>August</td>
<td>E</td>
</tr>
<tr>
<td>March</td>
<td>M</td>
<td>September</td>
<td>F</td>
</tr>
<tr>
<td>April</td>
<td>A</td>
<td>October</td>
<td>G</td>
</tr>
<tr>
<td>May</td>
<td>B</td>
<td>November</td>
<td>H</td>
</tr>
<tr>
<td>June</td>
<td>C</td>
<td>December</td>
<td>J</td>
</tr>
</tbody>
</table>

### CODE FOR YEAR OF PRODUCTION

<table>
<thead>
<tr>
<th>Year</th>
<th>Code</th>
<th>Year</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>J</td>
<td>2033</td>
<td>3</td>
</tr>
<tr>
<td>2019</td>
<td>K</td>
<td>2034</td>
<td>4</td>
</tr>
<tr>
<td>2020</td>
<td>L</td>
<td>2035</td>
<td>5</td>
</tr>
<tr>
<td>2021</td>
<td>M</td>
<td>2036</td>
<td>6</td>
</tr>
<tr>
<td>2022</td>
<td>N</td>
<td>2037</td>
<td>7</td>
</tr>
<tr>
<td>2023</td>
<td>P</td>
<td>2038</td>
<td>8</td>
</tr>
<tr>
<td>2024</td>
<td>R</td>
<td>2039</td>
<td>9</td>
</tr>
<tr>
<td>2025</td>
<td>S</td>
<td>2040</td>
<td>A</td>
</tr>
<tr>
<td>2026</td>
<td>T</td>
<td>2041</td>
<td>B</td>
</tr>
<tr>
<td>2027</td>
<td>V</td>
<td>2042</td>
<td>C</td>
</tr>
<tr>
<td>2028</td>
<td>W</td>
<td>2043</td>
<td>D</td>
</tr>
<tr>
<td>2029</td>
<td>X</td>
<td>2044</td>
<td>E</td>
</tr>
<tr>
<td>2030</td>
<td>Y</td>
<td>2045</td>
<td>F</td>
</tr>
<tr>
<td>2031</td>
<td>1</td>
<td>2046</td>
<td>G</td>
</tr>
<tr>
<td>2032</td>
<td>2</td>
<td>2047</td>
<td>H</td>
</tr>
</tbody>
</table>

### Positioning of the Code for Month of Production in the Chassis Number (Vehicle Identification Number)

**Twelfth Digit**

### Positioning of the Code for Year of Production in the Chassis Number (Vehicle Identification Number)

**Tenth Digit**

HEIGHT OF THE CHASSIS NUMBER

4mm min.

Examples:

- **ENGINE No.:** BAYWJM00001
  (Characters from 3rd to 11th are variable)

- **CHASSIS No.** (with Month and Year of Manufacturing)
  MD2A96AY3JWM00001
  (Characters from 4th to 17th are variable)

  9th Digit: - Check Digit either Numerical 0 to 9 OR Alphabet X will be punched.

---

**Signature**

**Name:** S.K. DESHPANDE

**Designation:** SR MGR (R&D)

**Document No.:** Specification No. T11.A96.00 Rev.03

**Test Agency:**

**Cert. No.:**

**Date:** 06-Dec-2018