From

Transport Commissioner,
Motor Vehicles Department, GoK

To

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

Sir,


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 Petrol

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

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. AAMN 0275 / R01 dated 19th December 2018, certified for compliance to the Central Motor Vehicles Rules, in respect of our existing products "RE Compact PETROL" as amended up-to-date, with Bharat Stage IV, have rechristened as "BAJAJ RE PETROL" & its variant "BAJAJ RE Petrol (without Electric Start)."

<table>
<thead>
<tr>
<th>Model rechristened as</th>
<th>ARAI Certificate No &amp; Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAJAJ RE PETROL (with ES &amp; without ES)</td>
<td>AAMN 0275/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 PETROL & its variant "BAJAJ RE Petrol (without Electric Start)" 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 and its variant, submitted by the vehicle manufacturer referred below:

<table>
<thead>
<tr>
<th>Certificate Reference</th>
<th>Vehicle Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAMN 0275 dt. 17.07.2017</td>
<td>M/s. Bajaj Auto Ltd., Akurdi, Pune - 411035</td>
</tr>
<tr>
<td></td>
<td>Plant: Waluj, Aurangabad - 431136</td>
</tr>
<tr>
<td></td>
<td>GVA, kg</td>
</tr>
<tr>
<td>Base Model</td>
<td>Rechristened</td>
</tr>
<tr>
<td>RE Compact PETROL</td>
<td>BAJAJ RE PETROL</td>
</tr>
<tr>
<td>Variant</td>
<td>643</td>
</tr>
<tr>
<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 along with 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. Test(s) 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 to the knowledge of ARAI.

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

AUTHORISED SIGNATORY

[Signature]
A. A. BADUSHA
Sr. Deputy Director & Head
Homologation Management, Regulation &
Vehicle Evaluation, ARAI, Pune.

Place of Issue: Pune

110 JAN 2019

### BRIEF TECHNICAL SPECIFICATIONS FOR MOTOR VEHICLES

**Manufacturer:** Bajaj Auto Ltd., Akurdi, Pune, 411 035.

**Vehicles:**

<table>
<thead>
<tr>
<th>Type / Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category of the vehicle</td>
<td>BAJAJ RE PETROL (Without Electric Start)</td>
</tr>
<tr>
<td>Variant(s)</td>
<td>3 wheeler (BSIV)/ Passenger</td>
</tr>
<tr>
<td>Category of variant(s)</td>
<td>L5M</td>
</tr>
</tbody>
</table>

**Engine:**

- **Make:** Bajaj Auto Ltd.
- **Model:** 3 Wheeler (BS IV) / Passenger
- **Type:** L5M
- **Bore x stroke, mm:** 57 x 57
- **No. of cylinders:** Single Cylinder
- **Displacement:** 145.45
- **Compression ratio:** 6.3 kW at 4000 rpm (Standard & tolerance as per IS: 15599) at Crank Shaft
- **Max. Engine output, kW @ rpm:** 17 Nm at 3000 rpm (Standard & tolerance as per IS: 15599)
- **Max. Torque, Nm @ rpm:** Dry Paper Element
- **Air cleaner type:** Wet, Multiplate
- **Clutch Type:** Bajaj Auto Ltd. / BAJAJ RE PETROL
- **Gear box Make & Model:** Manual
- **No. Of gears:** 4 Forward + 1 Reverse

**Gear ratio:**

<table>
<thead>
<tr>
<th>Gear ratio</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>Reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26.19 or 24.68</td>
<td>16.86 or 15.89</td>
<td>11.78 or 11.1</td>
<td>7.79 or 7.35</td>
<td>NA</td>
<td>34.37 or 32.4 (In First Gear)</td>
</tr>
</tbody>
</table>

**Drive Axle (Front / Rear / All):**

- **Front axle ratio:** Rear
- **Rear axle ratio:** NA

**Stamp:** [Notary Seal]

**Signature, Name & Designation:**

<table>
<thead>
<tr>
<th>S.K.Deshpande</th>
<th>SR MGR (R&amp;D)</th>
<th>BAJAJ AUTO LTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 06-Dec-2018</td>
<td>T07.A47.00 Rev.04</td>
<td>ARAI</td>
</tr>
</tbody>
</table>
### BAJAJ

#### BRIEF TECHNICAL SPECIFICATIONS FOR MOTOR VEHICLES

<table>
<thead>
<tr>
<th><strong>Steering</strong></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type / Description</td>
<td>Steering wheel diameter, mm</td>
<td>Ratio</td>
</tr>
<tr>
<td>Frame</td>
<td>Long member size, mm</td>
<td>Number of cross members</td>
</tr>
<tr>
<td>Suspension</td>
<td>Type / Description</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>Anti-roll bar</td>
<td>Shock absorbers</td>
</tr>
<tr>
<td>Brake</td>
<td>Service brake (Brief description)</td>
<td>Auto Slack Adjuster Fitted (Yes / No / Optional)</td>
</tr>
<tr>
<td></td>
<td>Parking brake</td>
<td>ABS Fitted (Yes / No / Optional)</td>
</tr>
<tr>
<td></td>
<td>Secondary brake</td>
<td>Front (Disc / Drum)</td>
</tr>
<tr>
<td></td>
<td>Wheels and Tyres</td>
<td>Rear (Disc / Drum)</td>
</tr>
<tr>
<td></td>
<td>Wheel rim size</td>
<td>Tyre size designation including ply rating</td>
</tr>
<tr>
<td></td>
<td>Speed index</td>
<td>Load index / Load rating</td>
</tr>
<tr>
<td></td>
<td>Tyre Type (Radial / Cross / Tube / Tubeless)</td>
<td></td>
</tr>
<tr>
<td>Electrical system</td>
<td>System voltage, V</td>
<td>Battery rating, Ah</td>
</tr>
<tr>
<td>Wiper motor</td>
<td>Wiping system (Brief description)</td>
<td></td>
</tr>
<tr>
<td>Fuel tank</td>
<td>Material</td>
<td>Capacity, l</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Type of Fuel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wheel base, mm</td>
<td>Overall width, mm</td>
</tr>
</tbody>
</table>

- Handle bar: NA
- NA: NA
- Monocoque: NA
- NA: NA
- Front-Swing arm, Rear-Swing arm
- Front & Rear: Helical coil compression spring
- NA: Front-Hydraulic
- NA: Rear-Hydraulic
- NA: Single control, right foot operated hydraulic brakes with TMC. Front & rear Drum
- Yes: Front & rear Drum
- 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
- 12V: 12V - 32A.h or 7Ah
- Electrical
- Single speed electrical wiper motor with wiper arm and blade
- Metallic: 8 liters
- Petrol: 2000
- 1300

**Manufacturer:**
**Signature, Name & Designation:**

**Document No:** T07.A47.00 Rev.04

**Test Agency:**
**Signature, Name & Designation:**

**Cert No:**

**BAJAJ AUTO LTD**
**Date:** 06-Dec-2018

**NOTARY**
**VILAS ANANTA KUTE**
**Reg. No. 1519**
**GOVERNMENT OF INDIA**
**NOTARY**
**UNION OF INDIA**
**Vithalwadi, Akurdi, Pune-35**
BRIEF TECHNICAL SPECIFICATIONS FOR MOTOR VEHICLES

Overall length, mm : 2635
Overall height, mm : 1692
Front track, mm : NA
Rear track, mm : 1150
Min. ground clearance, mm : 200
Cargo box dimensions, mm : NA
Load body platform area : NA

Weights
Maximum GVW, kg (for rigid vehicles) : 643 kg
Maximum GCW, kg (for articulated / combination vehicles) : NA
Maximum FAW, kg : 235 kg
Maximum RAW, kg : 500 kg
Kerb weight with 90% fuel (with spare wheel, tools, etc.), kg : For Single HL: 328 kg, For Twin HL: 339 kg

Maximum gradeability in 1st gear
Vehicle Max Speed in unladen condition : 60 km/h in Fourth gear
Vehicle Max Speed in laden condition : NA

Seating
Seating capacity : 4 persons (Including driver)
Sketch showing seating layout with dimensions : For Single HL: Refer Drg No. BA000012
For Twin HL: Refer Drg No. AA010118 Mod1

Note:-

Manufacturer:
Signature, Name & Designation

Document No:
T07.A47.00 Rev.04

Test Agency:
Signature, Name & Designation

Cert No:

S.K. DESHPANDE
SR MGR (R&D)

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BAJAJ AUTO LTD

Date :- 06-Dec-2018

NOTARY
VILAS ANANTA KUTE
Reg. No. 1519

TRUE COPY
VILAS ANANTA KUTE
NOTARY
UNION OF INDIA
Vitthalwadi, Akurdi, Pune - 35.

A.A. BADUSH
SR. DEPUTY DIRECTOR & HEAD,
HOMOLOGATION MANAGEMENT & REGULATION, ARAI, PUNE

THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA
Table 11

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

| NAME OF VEHICLE MANUFACTURER & ADDRESS | M/s Bajaj Auto Ltd. Akurdi, Pune-411035. |
| NAME OF THE BASIC MODEL | BAJAJ RE PETROL |
| NAME OF VARIANTS, IF ANY | BAJAJ RE PETROL (Without Electric Start) |
| PLACE OF EMBOSSSING / ETCHING/ PUNCHING THE CHASSIS NO. (VEHICLE IDENTIFICATION NUMBER) (Supporting details by drawing or pictures may be provided if necessary) | On LH side of Chassis member, below Driver seat |

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 MONTH 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>
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<tr>
<td>2024</td>
<td>R</td>
<td>2039</td>
<td>9</td>
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<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>
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<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>

POSITION OF THE CODE FOR MONTH OF PRODUCTION IN THE CHASSIS NUMBER (VEHICLE IDENTIFICATION NUMBER)

POSITION OF THE CODE FOR YEAR OF PRODUCTION IN THE CHASSIS NUMBER (VEHICLE IDENTIFICATION NUMBER)

HEIGHT OF THE CHASSIS NUMBER: 4 mm min.

Examples:

ENGINE No.: 24YWJB00001
(Characters from 3rd to 11th are variable.)

CHASSIS No. (with Month and Year of Manufacturing):
MD2A47AY5JWB00001 (BAJAJ RE PETROL)
MD2A23AY7JWB00001 (BAJAJ RE PETROL (Without Electric Start))
(Characters from 4th to 17th are variable.)
9th Digit: Check Digit either Numerical 0 to 9 or Punctuation will be punched.

Manufacturer
BAJAJ AUTO LTD, AKURDI, PUNE.

Signature

Name: S.K. DESHPANDE
Designation: SR MGR (R&D)
RELEASE STATUS:
All Intellectual Property Rights including but not limited to Copyright, applying to this drawing and the information contained therein vest solely and exclusively with Bajaj Auto Limited. No part of this drawing may be copied or reproduced, either in part or in full, by any means, whether mechanical or electronic, without prior written permission of the Authorised Signatory of Bajaj Auto Limited. Bajaj reserves all rights to deal with violations of this clause in accordance with applicable laws.

MATERIAL & SIZE:

TRUE COPY

VILAS ANANTA KUTE
NOTARY
UNION OF INDIA
Satwadi, Akurdi, Pune- 35.

BAJAJ
Bajaj Auto Limited
AKURDI-PUNE-411036

TITLE
ASSEMBLY SEAT LAYOUT

SHEET A4 : 210 X 297

EC No.

AGT

PPK

VMM

21FEB12

DRAWN DATE CHECKED CHECKED APPD.

CONFIDENTIAL INFORMATION
UNAUTHORISED DISCLOSURE PROHIBITED

PROJECTION
UNSPECIFIED TOLERANCES

SURFACE FINISH
BAS 110

WEIGHT (kg)
BAS 130

DRG NO.

3D MODEL Y/N : 

SHEET OF

THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA

PURCHASER

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