



# Technical Service Bulletin

## 94 Matrix-design high beam calibration procedure

94 21 43 2054161/3 July 26, 2021. Supersedes Technical Service Bulletin Group 94 number 19-09 dated June 14, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, S8, Q8, and	2019 - 2020	All	Matrix-design high beams
A6 allroad, S6, RS 6, S7, RS 7, A8 PHEV, SQ8, RS Q8, Audi e-tron quattro, and Audi e-tron Sportback	2020 - 2022	All	Matrix-design high beams
A6 Avant, RS 6 Avant, A7 PHEV Q7, and SQ7	2021 - 2022	All	Matrix-design high beams

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Added Model Years and Models)
2	07/14/2019	Revised header (Added Model)
1	02/27/2019	Initial publication

### Customer states:

- Headlights, including matrix-design high beams, need to be adjusted.

## Technical Background

The current headlight aimer does not have the capability to adjust matrix high beams.

While the Matrix Beam functionality is turned off pending NHTSA approval, a dummy value can be written as the angle calibration value.

Prior to activation of the feature, the Matrix Beam system will be recalibrated with the correct adjustment values.



# Technical Service Bulletin

---

## Production Solution

Not applicable.

## Service

**If you have a VAS 621001 or VAS 621001US:**

- Please follow the “Matrix LED Headlamp, Adjusting/Calibrating” instructions in the Elsa Repair Manual.

**Otherwise:**

- Enter the value “0” for all angle measurements in the MXB Calibration Test Plan.

## Warranty

This TSB is informational only and not applicable to any Audi Warranty.

## Additional Information

All parts and service references provided in this TSB (2054161) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

©2021 Audi of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.