

# INSTALLATION GUIDELINES



AAE OE BMW EPS RACK – P/N ER9051F

## FITMENT

- BMW X3 6 Cyl. 3.0L 2011-2017 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L 2013-2014 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L Diesel 2015 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L Gas 2015 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L Diesel 2016 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L Gas 2016 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L Diesel 2017 w/Variable Stg.
- BMW X3 4 Cyl. 2.0L Gas 2017 w/Variable Stg.
- BMW X4 4 Cyl. 2.0L 2015-2018
- BMW X4 6 Cyl. 3.0L 2015-2018

## INSTALLATION TIPS

**This replacement rack must be programmed and coded after installation.**

See below for necessary software and hardware:

### HARDWARE:

- Certified J2534 pass-thru device
- Official BMW interface (called ICOM Next)

### SOFTWARE:

- BMW ISTA/P Online - Control Module Reprogramming
- To purchase a subscription visit:  
<https://www.bmwtechinfo.com>
- Subscription cost (as of 7/1/2020):
  - \$30 for 1 day
  - \$250 for 1 month
  - \$2500 for 1 year

- For ISTA/P requirements visit <https://www.bmwtechinfo.com> and click "Site Features".
- When using ISTA/P software all control modules will be updated to a default software version (called I-Level). The software will automatically choose the modules to be programmed. This means the EPS module can't be solely programmed, other control modules could be programmed as well.
- During a programming session vehicle battery voltage must be above 13 volts. Always connect an approved external power supply/battery charger
- Without stable power supply module damage can occur
- After successful programming and coding "ISTA/P Final report" can be printed out.

*For Electric Power Steering related questions contact AAE Tech Support Hotline at 1-800-654-7565 (Press 2 for EPS)*

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