



Technical Tip

Topic	94-19-02TT – Adaptive Front Lighting System (AFS) Operation
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
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Condition

ATTENTION:
THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Adaptive Front Lighting System (AFS) Operation

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Golf, GTI, Golf R, eGolf, Sportwagen, Beetle, Beetle Convertible, Passat, CC, EOS, Tiguan, Touareg	2008-2019	All	All	All	All

Technical Background

Adaptive Front Lighting System (AFS) operational description. The system may also be referred to as “Advanced Front Lighting System.”

Service

On vehicles equipped with AFS, swivel-mounted lamps automatically improve road illumination when cornering or driving around curves. Movement of the headlights is based off of steering angle and vehicle speed input. Depending on weather conditions and vehicle speed, in some vehicle models, the headlights will swivel independently, even when driving straight ahead. The AFS feature can be switched ON/OFF in the MFI or Infotainment system, depending on vehicle model.

Requirements for AFS to operate:

- AFS must be switched ON in the MFI or Infotainment system.
- The low beams must be switched ON.
- The vehicle must be traveling approximately 6 mph or above.

AFS should not be confused with cornering lights. Vehicles with cornering lights (static cornering lights) use the fog lights or a static bulb in the headlight assembly to light up the side of the vehicle when turning. At speeds below 25 mph (40 km/h), the cornering light on one side of the vehicle will come ON when you turn a corner. If you turn to the right, the right fog light comes ON; turning left the left fog light comes ON. The cornering light dims and goes out when the steering wheel is straightened. The cornering light may also be activated with the turn signal. The static cornering lights work only when the headlights are switched ON.



Revision History		
Revision Number	Released Date	Reason For Update
2054521/1	3/29/19	Original publication.

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