

# Adaptive Headlights

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## Features:

- Adaptive headlights: headlights stay level with the road
  - With a start-up animation when turning on for the first time
- Cornering assist: headlights beam into the steering direction
- Correct wrongly aimed headlights
  - With separate low and high beam settings

## Requirements and installation

- Grand Theft Auto V (b2372+)
- [ScriptHookV](#)

To install, drag and drop the `AdaptiveHeadlights.asi` file and `AdaptiveHeadlights` folder to the GTA V folder.

`%localappdata%/ikt/AdaptiveHeadlights` may also be used, if the GTA V folder is not writeable.

Open the management menu with the `ah` cheat (use tilde (~) to open the cheat console).

Cheat and hotkeys can be set in `settings_menu.ini`.

## Configuration files

Configuration files are placed in the `Configs` folder.

The file name: Anything goes, as long as it ends on `.ini`. The file name without the extension is used as "Name" in the script.

```
[ID]
ModelHash = 87A21275
ModelName = rs4avant

; The headlight bones which the script changes.
; Multiple bones can be assigned to a headlight:
; Use comma separation.
[Bones]
; Low beam
LowLeft = headlight_l
LowRight = headlight_r
; High beam
HighLeft = headlight_l
HighRight = headlight_r
; For aim corrections for light-casting modified parts
Mods = extralight_1,extralight_2
```

```
[Correction]
```

```
Enable = true
PitchAdjustLowBeam = 2.9
PitchAdjustHighBeam = 10.5
PitchAdjustMods = -42.5
```

#### [Level]

```
EnableSuspension = true
SpeedSuspension = 5.0
EnableGyroscope = true
SpeedGyroscope = 3.5
UpperLimit = 5.0
LowerLimit = -5.0
```

#### [Steer]

```
Enable = false
SteeringMultiplier = 0.6
Limit = 17.5
```

## Notes

- The headlight bone moves around, which may result in clipping or movement of the headlight housing for a number of vehicles.

## Recommended

- [InfamousSabre's Headlights++](#)

## Credits

Special thanks to AlexGuirre for the bone manipulation bits.

## Changelog

### 1.0.1

- Fix crash if headlight bone doesn't exist on car.

### 1.0.0

- Initial release

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