
Audi Q7 pre sense city

At speeds up to 85 km/h (52.8 mph) Audi pre sense city observes the road with respect to other road users (e.g. vehicles and pedestrians). For this purpose, it uses the standard-equipped front camera on the windshield, which can capture events up to a distance of about 100 meters (328.1 ft). On threat of a collision, it warns the driver according to a graduated concept (warning, warning jolt and automatic emergency braking); if necessary, it initiates full deceleration. At speeds up to 40 km/h (24.9 mph) accidents can be avoided completely within the system limits. At higher speeds (up to 85 km/h (52.8 mph)), warnings and brake intervention can reduce the impact velocity.

If the collision is inevitable, the multicollision brake assist system uses controlled braking maneuvers during the accident to aid the driver. This can help to prevent the car from skidding and thus additional collisions. If necessary, Audi pre sense city implements the same protective measures as Audi pre sense basic.

Status: 5/2015