

E Q U U S



EQUUS SIGNATURE: 5 passenger vehicle is equipped with premium features for discriminating drivers

EQUUS ULTIMATE: 4 passenger vehicle provides a unique first-class rear seat experience

Backed by America's Best Warranty™

10-Year/100,000-Mile Powertrain Protection

5-Year/60,000-Mile New Vehicle Limited Warranty

7-Year/Unlimited-Mile Anti-Perforation Warranty

5-Year/Unlimited-Mile 24-Hour Roadside Assistance

GUIDE

SIGNATURE—model code E0422-01

PERFORMANCE

- **4.6-liter DOHC Tau® V8** is one of Ward's 10 Best Engines for 2010:
 - 385 horsepower @ 6,500 rpm (premium)/378 horsepower @ 6,500 rpm (regular)
 - 333 lb.-ft. of torque @ 3,500 rpm (premium)/324 lb.-ft. of torque @ 3,500 rpm (regular)
 - Dual Continuously Variable Valve Timing (D-CVVT): provides more responsive performance in all driving situations
 - Variable Intake System (VIS): increases low- and high-speed power output in all weather and altitude conditions
 - Hydraulic Valve Lash Adjustment (HLA): reduces maintenance
 - Steel timing chain: service interval inspection at 105,000 miles
 - Iridium double-tipped spark plugs: replacement at 105,000 miles
- **Performance rear-wheel drive orientation** with fully independent suspension
- **ZF® premium 6-speed electronic automatic transmission**
- **19-inch chrome alloy wheels** with P245/45R19 (front) and P275/40R19 (rear) tires
- Dual asymmetrical exhaust with chrome tips integrated into the rear bumper



SEATING

- **Premium leather** seating surfaces
- **12-way power driver's seat** with lumbar adjustment, seat cushion extender and massager system; seat adjustments are door mounted
- **10-way power front passenger's seat:** seat adjustments are door mounted
- **Heated/cooled front seats**
- Alcantara® suede headliner
- **Integrated Memory System (IMS)** for driver-side seat, outside mirrors and steering wheel position
- **60/40 power reclining outboard seats:** include adjustable side headrest bolsters, center armrest with control console and drink holders, window privacy screens and heated seats (bottom and back)



ELECTRONICS

- **Premium navigation** system with Driver Information System (DIS) and multimedia controller: easy to operate; includes vehicle settings
- **Lexicon® AM/FM/HD/in-dash 6-disc CD changer** Discrete surround-sound audio system with 608 watt maximum and 17 speakers
- Auto Volume Control (AVC): speed sensitive volume
- **iPod®/USB and MP3 auxiliary input jacks** and iPod connection cable
- **Bluetooth® hands-free phone system**

Audio Screen



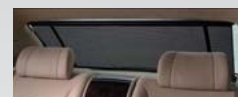
CD changer

17 Lexicon Speakers



COMFORT & CONVENIENCE

- **Remote and Proximity Key** entry with push-button start
- **Dual Automatic Temperature Control** with Air Quality System (AQS): automatically senses outdoor air pollutants and switches to recirculation air mode to minimize them from entering the vehicle
- **Heated, wood-trimmed and leather-wrapped steering wheel:** heating element stays on for 30 minutes after activation:
 - Steering wheel includes audio, smart cruise control, voice recognition, Bluetooth® phone, Lane Departure Warning System (LDWS) and trip computer controls
- **Power tilt-and-telescopic** steering wheel
- **Leather-wrapped dash and real wood interior trim**
- **Electroluminescent instrument cluster** (Supervision) with 3.5-inch Thin Film Transistor LCD screen
- **Power windows with auto-down/up** on all four windows: driver can operate each rear side sunshades with a second "lift" of the rear window control
- **Electrochromic auto-dimming** inside rearview mirror with HomeLink® and compass
- Sunroof: power tilt-and-slide glass
- **Power rear sunshade** with controls in front and rear seat areas: once activated, the screen will automatically go down when the transmission is placed in reverse
- **Rear side-window sunshades:** window controlled and operated, second-up operates the sunshade
- **Rain-repelling front side windows:** improves visibility
- **Acoustic-laminated glass** on the windshield and front and rear door windows: helps reduce wind noise
- Solar glass
- Premium-grade floor mats: front and rear
- Trunk can be opened four ways: keyless remote, micro-switch (if car is unlocked or Proximity Key is present), interior remote and using the mechanical key
- Trunk includes cargo net, 18-inch alloy wheel/tire, first aid kit and cargo mat



ULTIMATE—model code E0422-02

Adds these features for unique first-class rear seat experience.

ADDITIONAL COMFORT & CONVENIENCE FEATURES

- **50/50 split Rear Seats** with power reclining function
- Reclining right-side rear seat includes leg support and remote operated massage system
- **Heated and cooled Rear Seats:** enhances comfort in all weather conditions
- **Rear-seat entertainment system** with 8-inch monitor
- Thermolectric rear console refrigerator: eco-friendly cooling system uses thermolectric elements in the rear console to provide refrigerated storage for beverages or food independent of air conditioning operation
- **Rear seat power up/down head restraints** with manual tilt and side bolsters
- **Rear seat illuminated vanity mirrors** and reading lights
- **Power trunk lid** with vehicle lock function

ADDITIONAL SAFETY FEATURE:

- **Forward-view Cornering Camera:** when forward camera is on, wide-angle image is displayed on the navigation screen at low parking speeds so driver sees what is directly in front of the vehicle; above parking speeds, navigation screen mode resumes (The only exterior difference in the two models is the forward-view camera.)



SIGNATURE AND ULTIMATE

Advanced Safety Technology

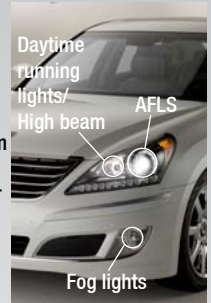


ACTIVE ADVANCED SAFETY (Accident Avoidance)

- **Electronically Controlled Air Suspension:** provides continuous smooth ride under a variety of driving conditions and maintains consistent vehicle height and pitch regardless of number of passengers or load
- **Continuous Damping Control (CDC):** when driving normally, the damping force is adjusted automatically to ensure superior ride comfort; damping force is increased for enhanced precision, stability and control; also offers **Sport Mode** that adjusts suspension, steering feel and transmission shift points
- **Vehicle Ride Height Control:** vehicle height can be increased 1-1/4 inch for additional suspension travel providing a smooth ride on rough roads and ease of entry and exit; vehicle ride height returns to normal ride height at approximately 40–45 mph; ride height is lowered further at highway speeds
- **Lane-Departure Warning System (LDWS):** monitors both broken and solid lanes on the highway using a camera mounted near the interior mirror; at approximately 40 mph, LDWS alerts driver when vehicle leaves the lane without using a turn signal by “shaking” the seatbelt and providing an audio and visual warning when a danger is imminent (Note: bad weather and skid marks on the road may cause a false indication of danger—that’s why the system also includes an ON/OFF switch)
- **Vehicle Stability Management (VSM) System:** with Pre-Collision Warning integrates ESC, Electronic Parking Brake (EPB), Smart Cruise Control, Seatbelt Tensioning System and Gauge Cluster warnings:
 - When the possibility of an impact is detected, a warning light and chime are activated
 - When the risk is high, these are supplemented by the seatbelt shaking to give a haptic warning and the brakes are automatically preset on emergency standby
 - When a collision is impending, the seatbelt pre-tensioning and automatic deceleration, with Brake Assist (BAS), is mobilized; all systems function unobtrusively and automatically without the driver losing any element of overall control allowing the driver to take evasive action; if desired, the driver can turn VSM off using a switch to the left of the steering wheel
- **Smart Cruise Control (SCC):** radar assisted, automatically maintains a preset distance between vehicles at the pre-selected speed:
 - SCC operates like regular cruise control when there are no vehicles in front
 - When there is another vehicle in front, SCC engages the brakes automatically and slows down the vehicle to maintain speed with the vehicle in front while retaining the preset distance
 - Note: Driver can select one of three settings—the default setting is Distance 3. For example, if driving at 50 mph, Distance 3 is approximately 180 feet, Distance 2 is approximately 130 feet and Distance 1 is approximately 85 feet.



- **4-wheel disc brakes:** 4-sensor, 4-channel with Anti-lock Braking System (ABS) provides the ability to brake and steer, Electronic Brake-force Distribution (EBD) keeps the braking smooth and level, and Brake Assist monitors brake pedal pressure
- Electronic Stability Control (ESC) keeps the vehicle on the intended path in curves
- Traction Control System (TCS) helps maintains traction, when needed
- **Electro-Hydraulic Power Steering (EHPS):** uses an electric motor to drive the pump so there is less drag on the engine
- **High-Intensity Discharge (HID) headlights** with LED turn signal indicators: more effectively illuminate the road at night—including Adaptive Front Lighting System (AFLS) with auto-leveling and automatic headlights—lights point into a turn using steering angle sensors for added illumination of the road, includes daytime running lights
- **Fog lights:** work with low beams for added night vision
- **Visibility Features:** wiper deicer, rain-sensing wipers and auto-defogger; humidity and rain sensors located behind the interior mirror



ADDITIONAL SAFETY FEATURES

- **Electronic Parking Brake (EPB):** replaces hand or foot pedal parking brake; EPB releases when transmission is shifted out of Park
- **Automatic Vehicle Hold:** assists the driver, at a stop, by holding the vehicle on an incline or decline; releases when accelerator is applied
- **Tire Pressure Monitoring System (TPMS):** monitors tire pressure and alerts driver when tire pressure on one or more tires is low
- **Parking Guide System (PGS):** includes a 2-position rearview camera with guidance lines and distance indicator, plus audio indicators to assist as the driver parks the EQUUS
- **Dual power-folding heated auto-dimming side mirrors** with turn signal indicators and approach lamps: can be operated by the interior door-mounted switch or with the Proximity Key lock and unlock buttons



PASSIVE ADVANCED SAFETY (In Case of Accident)

- **Nine Airbags:** Advanced dual front airbags, front and rear seat-mounted side-impact airbags, driver knee airbag, roof-mounted side-curtain airbags
- **Electronic active front head restraints with power controls:** activate electronically to protect against neck injury; when the seat slides forward or rearward, the height of the headrest automatically adjusts, increasing both comfort and stability in a rear impact
- **Electronic seatbelt pretensioners:** take the slack out of seatbelts in the event of a serious accident

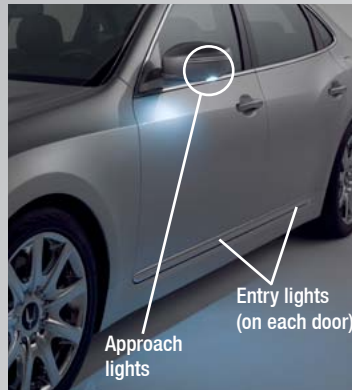


EQUUS Functionality

Proximity Key—Different Ways to Unlock and Access



When you push the Unlock Button on Proximity Key fob, it activates Approach Lamps that are located under the outside mirrors; when doors are opened, Entry Lights also add illumination to aid driver and passengers into the vehicle.



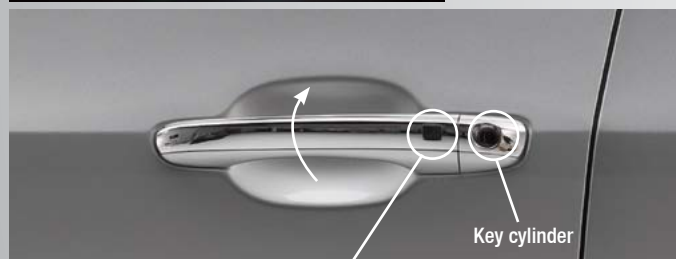
Note:

The feature, "Press once to unlock all doors" can be programmed through the DIS system. Default is set to "Press once to unlock driver's door." Refer to your Owner's Manual for more information.



Image shows proximity range to each door and trunk:

- If you open the driver door, only the driver door unlocks.
- If you open any other door, all the doors unlock.

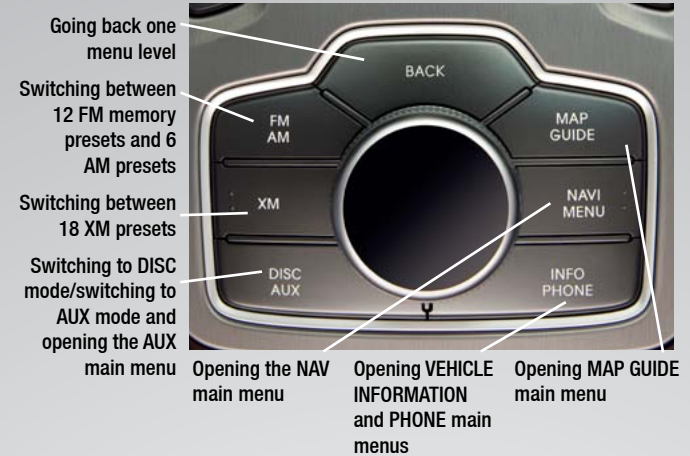


Unlock: Pull the handle to unlock. Proximity Key must be within range.

Lock: Press the door handle lock button.

Note: The lock button will not unlock the door.

Driver Information System Controller—It Controls the Following



Scrolling through controller: Push to the left, right, backwards, forwards or diagonally; diagonal movement is only used on the map screen.



Turning the controller: Turn the controller until the desired menu item is highlighted.



Pressing the controller: Confirm a highlighted menu item.



Toggle left and right for split screen navigation.

Trunk Operation—SIGNATURE AND ULTIMATE

There are four ways to unlock the trunk on EQUUS:

1. Manual key
2. Touchpad: Press to open, Proximity Key needs to be within range.
3. Press and hold the button on the key fob.
4. Press the release button in the vehicle.



Manual key 2-position camera Touchpad (manual and power trunk)

The valet trunk lockout button is used to prevent unauthorized access to the trunk.

To activate the valet lockout system:

1. Open the glove box.
2. Press the trunk lock button off. In the off position, the trunk can only be opened with the mechanical key.
3. Remove the mechanical key from the Proximity Key.
4. Close and lock the glove box with the mechanical key.



Note:

Without the mechanical key, the Proximity Key can only start the engine and operate door locks.



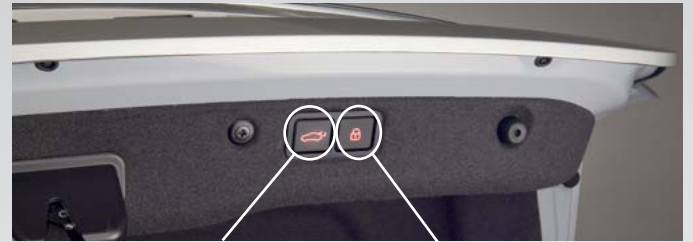
Cargo hook
Fully lined and illuminated trunk
First aid kit
Cargo net

Trunk Operation—ULTIMATE

The EQUUS Ultimate has two additional trunk features: a power trunk and power trunk lock

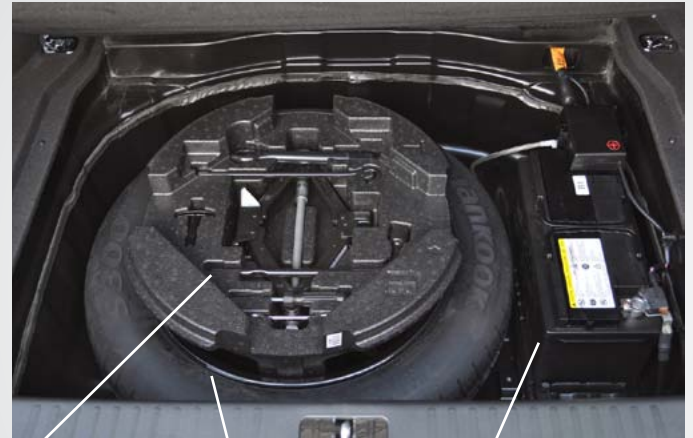
There are two ways to activate the power trunk opener:

1. Press Proximity Key TRUNK button
2. Power trunk main control button in the vehicle: Press to open, press and hold to close.



Power trunk close button: Press to close.

Power trunk lock button: Press to close the trunk and lock all doors, trunk and sets alarm system, the Proximity Key needs to be within range.



Tool kit 18-inch alloy wheel and tire Battery: located in the trunk for better weight distribution; emergency jumper terminals are located under the hood

Color and Trim

EXTERIOR COLORS			INTERIOR COLORS		
Name	Code	Type	Jet Black (RY)	Cashmere (HZ)	Saddle (TU)
White Satin Pearl	AT	Mica		•	
Black Noir Pearl	AF	Mica	•	•	
Granite Gray	GOD	Metallic	•		•
Platinum Metallic	AU	Metallic	•		

Jet Black



Cashmere



Saddle



Specifications

	EQUUS
Wheelbase (in.)	119.9
Head Room—Front/Rear, with Sunroof (in.)	38.7/38.1
Leg Room—Front/Rear (in.)	45.1/38.9
Shoulder Room—Front/Rear (in.)	59.1/59.0
Hip Room—Front/Rear (in.)	55.5/55.1
Fuel Tank Capacity (gal.)	20.3
Fuel Economy—City/Highway/Combined (mpg)	16/24/18
Range—Regular or Premium (mi.)	487

Luxury and Technology—Tops the Competition

Feature	EQUUS	Lexus LS460	Mercedes S-Class	BMW 7 Series	Audi A8
Engine	4.6-liter V8	4.6-liter V8	5.5-liter V8	4.4-liter V8	4.2-liter V8
Horsepower (@ rpm) Premium fuel	385 @ 6,500 378 @ 6,500 (Regular)	380 @ 6,400	382 @ 6,000	400 @ 5,500– 6,400	350 @ 6,800
Torque (lb.-ft. @ rpm) Premium fuel	333 @ 3,500 324 @ 3,500 (Regular)	367 @ 4,100	391 @ 4,800	450 @ 1,800– 4,100	325 @ 3,500
Air Suspension	S	Ⓜ 0	S	S	S
Collision Warning System	S	Ⓜ 0	S	Ⓜ 0	Ⓜ 0
Number of Standard Airbags	9	Ⓜ 8	9	Ⓜ 8	10
Rear Seat-mounted Side-Impact Airbags	S	Ⓜ 0	S	Ⓜ NA	S
Lane Departure Warning System	S	LWB Only	Ⓜ 0	Ⓜ 0	Ⓜ 0
Smart Cruise Control	S	Ⓜ 0	Ⓜ 0	Ⓜ 0	Ⓜ 0
HID Headlights	S	S	S	S	S
Front and Rear Parking Sensors	S	Ⓜ 0	Ⓜ 0	S	S
Rearview Backup Camera	S	Ⓜ 0	Ⓜ 0	Ⓜ 0	S
Power Trunk Lid	Ultimate	0	S	0	S
Proximity Key with Push-Button Start	S	S	Ⓜ 0	S	S

S - Standard Equipment O - Optional Equipment NA - Not Available

Ⓜ - Denotes Hyundai advantage

Maintenance

SCHEDULED MAINTENANCE	NORMAL USAGE		SEVERE USAGE	
Engine Oil and Filter (mi./mo.)	Replace	7,500/12	Replace	3,750/6
Air Cleaner Filter (mi./mo.)	Inspect	7,500	Replace	3,750/6
	Replace	30,000		
Vacuum Hose (mi.)	Inspect	7,500		
Climate Control Air Filter—For Evaporator and Blower Unit (mi.)	Replace	15,000	Replace	7,500
Air Conditioning Refrigerant (mi.)	Inspect	15,000		
Brake Hoses and Lines (mi.)	Inspect	15,000		
Drive Shafts and Boots (mi.)	Inspect	15,000	Inspect	7,500
Electronic Throttle Control (mi.)	Inspect	15,000		
Exhaust Pipe and Muffler (mi.)	Inspect	15,000		
Front Disc Brake/Pads, Calipers and Rotors (mi.)	Inspect	15,000*	Inspect	7,500*
Propeller Shaft (mi./mo.)	Inspect	15,000	Inspect	7,500/6
Steering Gear Box, Linkage and Boots/Lower Arm Ball Joint, Upper Arm Ball Joint (mi.)	Inspect	15,000	Inspect	7,500
Suspension Mounting Bolts (mi.)	Inspect	15,000		
Brake Fluid (mi.)	Inspect	30,000		
Fuel Filter (mi.)	Inspect	30,000		
Fuel Lines, Fuel Hoses and Connections (mi.)	Inspect	30,000		
Fuel Tank Air Filter (mi.)	Inspect	30,000		
Rear Disc Brake/Pads, Parking Brake (mi.)	Inspect	30,000	Inspect	15,000
Vapor Hose, Fuel Tank and Fuel Filler Cap (mi.)	Inspect	30,000		
Valve Clearance (mi.)	Inspect	60,000		
Drive Belt—Alternator, Air Conditioning (mi./yr.)	1st Inspect	60,000/4		
Spark Plugs—Iridium Coated (mi./yr.)	Replace	105,000/10		
Coolant (mi./yr.)	1st Replace	120,000/10		
	Add Replace	30,000/2		
Automatic Transmission Fluid (mi./yr.)	Inspect	37,500/4	Replace	60,000

* Disc brake pads should be inspected whenever tires are rotated

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