



XJ

SALES & MARKETING

**2014 MY XJ
PRODUCT BRIEF**

DATE: June 4, 2013
MODEL LINE: XJ
SUBJECT: 2014 Model Year - Job#1 Specifications

INTRODUCTION

Following the announcement of the XJR launched at the New York auto show under the limelight of the press, I am now pleased to provide full information on the 2014MY XJ line-up ahead of the initial order call. Key changes to the vehicle are summarized below, with additional details regarding functionality and models applicability available within the document.

- Engines
 - The XJL Portfolio (RWD) is now equipped with a 3.0L V6 supercharged engine, replacing the 5.0L V8 Naturally aspirated engine which is discontinued on the car line
 - A new 550hp version of the 5.0L V8 supercharged engine is added to the line-up as standard fitment of the XJR while the 510hp version is eliminated
- Derivatives
 - As already announced, XJR in both standard and long wheel base versions are introduced. For more details on these models, please consult the XJR Product Brief
 - The XJ/XJL Supersport derivatives are being discontinued. The semi-aniline interior previously only available on these models will be offered as an option
- Features
 - Soft door close introduced as a standard feature on all derivatives
 - Front seat massage functionality significantly enhanced with 5 settings and 5 intensity levels
 - New options available on long wheel base derivatives only:
 - Electric side window sunblind
 - Meridian 1,300 watts Reference Audio system with conversation assist
 - Introduction of soft feel trim on the instrument panel and door top of the XJ entry trim level (Portfolio trim continues to upgrade to soft grain leather)
 - Canvas and Parchment headliner colors replaced with Ivory
 - Wood veneer rear tray tables discontinued across all long wheelbase derivatives

TIMING

- 1st Dealer Order call – timing to be issued separately by Distribution
- Job #1 2014MY – July 22, 2013
- Start of Sales – Fall 2013 – to be confirmed

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Changes in standard equipment, options or prices can occur. Jaguar reserves the right to change product specifications at any time without incurring obligations.

1. POWERTRAINS

1.1 Engines

At 2014MY, the following changes to the engine line-up are implemented:

- The 3.0L V6 supercharged engine replaces the 5.0L V8 naturally aspirated on the XJL Portfolio RWD, aligning the standard and long wheelbase models engine fitment.
- The 5.0L V8 naturally aspirated engine is no longer available on any XJ derivatives.
- The 5.0L V8 supercharged engine in 510hp version is eliminated replaced by a 550hp version fitted to the XJR.

Specifications of the engines are as per table below

Key Features	3.0 liter V6 Supercharged	5.0 liter V8 S/C 470hp	5.0 liter V8 S/C 550hp
Configuration	V6, 24 valves	V8, 32 valves	V8, 32 valves
Capacity	2,995 cc	5,000 cc	5,000 cc
Bore / Stroke	84.5mm / 89mm	92.5mm/93mm	92.5mm/93mm
Compression Ratio	10.5:1	9.5:1	9.5:1
Camshafts	Twin Variable Camshaft Timing (VCT)	Twin Variable Camshaft Timing (VCT)	Twin Variable Camshaft Timing (VCT)
Induction	Supercharged (Roots type)	Supercharged (Roots type)	Supercharged (Roots type)
Fuel system	High pressure, direct fuel injection	High pressure, direct fuel injection	High pressure, direct fuel injection
Power	340hp @ 6,500 rpm	470hp @ 6,000-6,500 rpm	550hp @ 6,500
Torque @ rpm	332 lb-ft @ 3,500 – 5,000	424 lb-ft @ 2,000-5,500	502 lb-ft @ 2,500-5,500
Stop/Start	Standard	Standard	Standard
Flex Fuel Enabled	Yes	Yes	No
Transmission	ZF Automatic 8-speed	ZF Automatic 8-speed	ZF Automatic 8-speed
Performance 0-60 mph	RWD: 5.7 sec. AWD: 6.1 sec.	4.9 sec.	4.4 sec.
Top Speed (limited)	121 mph	155 mph	174 mph

1.2 Model Line Up

For 2014MY, the XJ line features eight models – three engines variants: 3.0L V6 S/C 340hp, 5.0L V8 S/C 510hp and 550hp; each available in either standard or long wheelbase version. Jaguar Instinctive AWD™ is available with the 3.0L V6 S/C.

Standard Wheelbase		Long Wheelbase	
XJ	3.0L V6 S/C 340hp	XJL Portfolio	3.0L V6 S/C 340hp
XJ AWD	3.0L V6 S/C 340hp	XJL Portfolio AWD	3.0L V6 S/C 340hp
XJ Supercharged	5.0L V8 S/C 470hp	XJL Supercharged	5.0L V8 S/C 470hp
XJR (swb)	5.0L V8 S/C 550hp	XJR (lwb)	5.0L V8 S/C 550hp

1.3 E85 Fuel Compatibility

Except for the 5.0L V8 S/C 550hp engine fitted to the XJR, all 2014MY XJ engines are certified for use of E85 (85% Ethanol content) fuel. Use of ethanol will be stated on the fuel cap and on the label at the back of the cap.

When selling the feature to a customer, please ensure that the following guidelines are clearly explained:

- The engine may take longer to start in ambient temperatures below 32°F (0°C)
- E85 fuel must not be used when ambient temperature is below 14°F (-10°C)
- When using E85 fuel, it is recommended that at least 1 in every 4 tanks fill-ups must be with non-E85 premium quality unleaded gasoline. Failure to do so will require that engine oil and filter replacement intervals are halved to every 6 months or 8000 miles whichever occurs first. This is in addition to the normal 12-month / 16,000-mile full-service interval.
- Multiple consecutive short journeys (e.g. less than 30 minutes driving) without allowing the engine to fully warm up when using E85 fuel are not recommended. If multiple consecutive short journeys are performed, the “Engine Oil Level High” indicator may display. It is recommended that the car is run for at least 40 minutes before consulting a retailer.
- It is not recommended to leave E85 in the fuel tank while storing the vehicle for prolonged periods. If planning to store the car for over 6 months, non-E85 premium unleaded gasoline should be used.
- When using E85 fuel, an increase in fuel consumption may be experienced. This is normal and does not indicate a fault.

Please refer to the Owner’s Manual for further details.

2. FEATURE CHANGES

2.1 Soft Door Close

Soft door close automatically ensures that the doors of the XJ are securely closed with a minimum of exertion and without undue noise. By simply pushing the door until it is almost closed - when the door is within approximately 0.24 inch (6 mm) of the lock - a sensor activates an electric motor that pulls the door firmly and quietly closed and secures it. The door can be reopened at any time. The soft door close automatic process is also run whenever the door is manually closed, to ensure the door is properly shut. This feature is **standard on all XJ derivatives for 2014MY**.

2.2 Electric rear side window blind

The electric rear side window blind is operated via the window lift switch. The blind will only be operable when the window is in the fully up position. If the window is not fully up the switch will only activate the window and not the blind.

Mode of operation:

1. With the window fully up, an upward movement of the window switch will raise the blind
2. With the window fully up and the blind down, a downward movement of the window switch will lower the window
3. With the blind fully up, a downward movement of the window switch will lower the blind, once lowered the switch can be re-activated down to lower the window.








This optional feature is **available on long wheelbase derivatives only. Initially it will only be available for ordering on the XJR Lwb.**

Note: If the electric sunblind option is not fitted, manual side blinds remain standard fitment on all long wheelbase models.

2.3 Massage Functionality

The optional massage function of the front seats is **upgraded to 5 programs, each with 5 levels of intensity**. It can be set to the customer's preference with a purpose of providing relief and movement to different areas of the back during driving.

	<p>UP</p> <p>5 sets of air cells inflate and deflate in turn in upward direction</p>		<p>LUMBAR</p> <p>Bottom three sets of air cells inflate and deflate in turn in an upward direction</p>
	<p>DOWN</p> <p>5 sets of air cells inflate and deflate in turn in downward direction</p>		<p>SHOULDER</p> <p>Top two air cells inflate and deflate in turn in an upward direction</p>
		<p>ROLLING</p> <p>5 sets of air cells inflate and deflate in turn in upward then downward direction</p>	

Program selection is done via the touch screen within the climate section



Note: UK-English screen shown

Front seat massage optional fitment is unchanged versus 2013MY

- XJ (RWD/AWD) – Included with the Front seat comfort pack or with the Portfolio pack
- XJL Portfolio (RWD/AWD) – **Available as a stand-alone option**
- XJ/XJL Supercharged – **Available as a stand-alone option**
- XJR (swb or lwb) – The feature is not available with the “R” sport seats
- Semi-aniline trim pack – Massage is included within the trim option

2.4 Meridian™ Reference Audio System and Conversation Assist

The 14MY XJ **1,300 Watt Meridian Reference Audio System** is a step up from the Meridian 825W Surround Sound System.

The key benefits of this system are:

- Authenticity and consistency of sound for every passenger
- Enhanced sense of space within the cabin
- Personal music experience for rear passengers

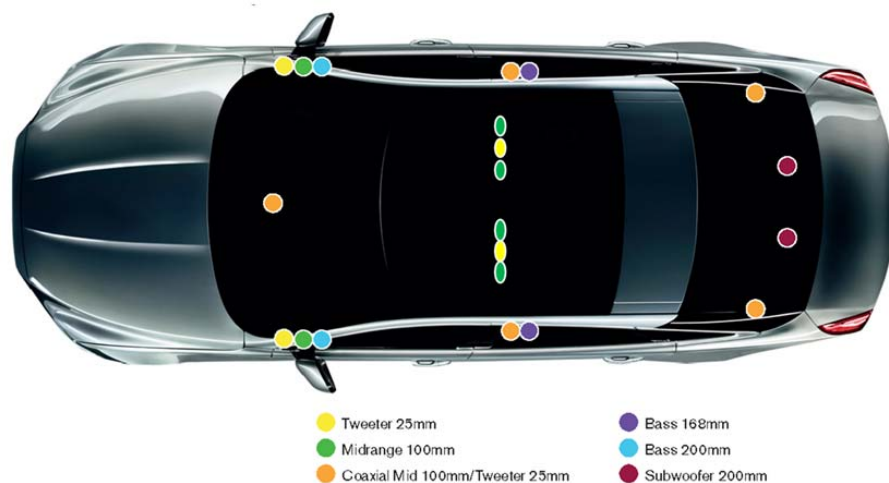
The 1,300W Meridian Reference Audio system has a total of 26 loudspeakers strategically placed around the cabin to offer an uncompromised, personal and consistent musical experience for every passenger. With 3 extra speakers (two 80mm speakers and one 25mm tweeter) located in the rear of each of the front seats, the image localisation & perception for the rear seat passengers is being enhanced providing a much more personal music experience.

The Meridian™ Reference Audio System is visually recognisable with unique badging on the doors and rear parcel shelf and also by the red cones on the door speakers, which are visible through the speaker grilles.

Conversation assist (Only available in conjunction with Meridian™ Reference Audio System)

Conversation assist utilises a microphone located above each seating position to reinforce the occupant's voice via the vehicles audio system. This makes it much easier for occupants to be heard clearly by the other occupants above any cabin noise.

It does this by comparing the known output of the audio system to the noise heard by the microphones, and by processing the delta through a vocal matching algorithm contained within the audio amplifier. The voices are then time aligned and processed, before being routed to the various speakers of the vehicles audio system. The feature is activated whenever the infotainment system is on, whether audio sources are actively playing through the audio system or not, but the feature will not be active when in a phone call or voice session.



Meridian Reference Audio System – 26 Speakers locations



3 speakers in the rear of each of the front seats



Conversation assist microphones located in the headliner

The Meridian Reference Audio System with conversation assist is **only available as an option on long wheelbase models (XJL portfolio, XJL Portfolio AWD and XJL Supercharged)**. The feature is not available on XJR or when Sport seats are specified.

2.5 Corporate Identity Update

At 2014MY, the XJ receives an update to numerous parts carrying the Jaguar identity.



2D Graphics
HDLF
Cluster
Glazing
Calipers



2D Growler
Wheel Badges



3D Workmark
Trunk Lid
Engine covers
Power Vents
Floor Mats
Tread plates



3D Growler
Front Grille



3D Leaper
Trunk Lid
Steering wheel
Headrest (if fitted)

In addition, the compact key is also updated, with an engraved "Jaguar" script added



2.6 Other Feature Changes

At 2014MY, the wood veneer **rear business trays** are discontinued and therefore no longer a standard fitment of the XJL Supercharged

The following options are new for 14MY but only orderable with the XJR:

- o Carbon fiber engine cover
- o 20" Farallon-style wheels in Sparkle Silver finish (painted finish)

3. COLOR & TRIM

3.1 Interior Trim

At 2014MY, the instrument panel top and the door top rolls of the standard wheelbase XJ (RWD & AWD) will be fitted with **soft feel trim**, replacing soft grain leather. Seating surfaces will continue to be soft grain leather trimmed.

New and revised trim colors include:

- Canvas (morzine and suedecloth) and Parchment (Leather) headliners are discontinued, with Ivory now available across all models (morzine, suedecloth or leather)
- XJ base trim
 - Jet/Cirrus combination replaces Jet/Dove
 - Jet/London Tan interior is now available when the Front comfort pack is selected
- Portfolio trim
 - A Mineral/Cirrus interior combination is introduced replacing Navy/Ivory

Semi- aniline leather trim

The semi-aniline interior trim previously standard on the Supersport models is now offered as an option on all derivatives except for the XJ V6 S/C RWD or the XJ V6 S/C AWD.

The semi-aniline leather trim upgrade consists of:

- Semi-aniline leather on front and rear seating surfaces
- Leather headliner
- Soft grain leather stitched and tailored upper fascia, IP binnacle, door top roll, door pannier, door armrest and center console lid with twin needle stitching
- Front seat massage





Semi-aniline is not available in conjunction with sport-style seats.

When ordered on the XJR, the vehicle comes fitted with front “Comfort-style” without the “R” logo branding (front or rear seats). The option is also only available with restricted color choices and only with Piano Black or Carbon Fiber veneers.

3.2 Veneers

- Satin Zebrano is available to order on any Portfolio trim-equipped derivative
- Veneers previously available with the Supersport models (shown below) are now orderable in conjunction with the semi-aniline interior trim upgrade option



Walnut Curl	Shadow Walnut	Rich Oak with Linear Laser Inlays	Figured Ebony with Ribbon Laser Inlays
			

3.3 Exterior Paint

The exterior paint palette receives a minor update with the introduction of 2 new colors

- **Dark Sapphire** – replaces indigo
- **Osmium blue** – replaces Crystal blue








Dark Sapphire and Osmium blue will be available starting with September build only. Indigo and Crystal blue will not be available for 2014MY

For full details on color, trim and veneers, please consult the 2014MY order guide.

Changes in standard equipment, options or prices can occur. Jaguar reserves the right to change product specifications at any time without incurring obligations.

4. WHEELS

- The **20" Mataiva wheels** which were standard on the XJ/XJL Supersport at 13MY are now available as an option on the XJ/XJL Supercharged models
- V6 S/C models (RWD & AWD) come **standard with 19" wheels** with 20" wheels available as options. These models, regardless of wheel/tire, have a top speed limited to 121mph
- Supercharged models come **standard with 20" wheels** with summer/performance tires; these models have a top speed limited to 155mph. **All Season tires** (no charge) and **19" wheels** with all-season tires are **optional** – when equipped with all season tire (irrespective of wheel size) these models have a top speed limited to 121mph
- XJR models come **standard and only with 20" wheels** with summer/performance tires. These models have a top speed limited to 174mph

Size / Style / Finish	Image	Fitment and Availability
19" Aleutian Finish: - Sparkle Silver		Standard on: XJ Optional on: all *
19" Toba Finishes: - Sparkle Silver - Polished		Standard on: XJL Portfolio (Sparkle Silver) Optional on: all *
20" Kasuga Finishes: - High Gloss Silver - Polished		Standard on: XJ & XJL Supercharged (High gloss Silver) Optional on: all
20" Mataiva Finish: - Anthracite with chrome detailing		Standard on: None Optional on: XJ & XJL Supercharged
20" Orona Finishes: - Anthracite with diamond turned spokes - Polished		Standard on: None - option only Optional on: all
20" Venom Finish: - Painted with Diamond turned spokes		Standard on: Sport & Speed Pack Optional on: None – Sport & Speed pack only
20" Farallon Finish: - Technical Grey - Sparkle Silver Painted	 <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: 10px;"> Sparkle Silver image not available at time of print </div>	Standard on: XJR Standard & Long Wheelbase (Technical grey) Optional on: XJR only

* Availability on XJ/XJL Supercharged delayed to September production

5. PRODUCT OVERVIEW

Two Wheelbases, Three Engines, Two Drivetrains

The XJ offers both *standard* and *long wheelbase* variants; each available with either a 3.0 Liter V6 supercharged 340hp or a 5.0 liter V8 supercharged in two versions – 470 hp and 550 hp.

Jaguar Instinctive All Wheel Drive™ is available on models equipped with the V6 Supercharged engine adding the benefit of enhanced traction in slippery and adverse conditions.

5.1 Powertrain and Dynamics

Every engine supercharged with many advanced features including:

- High-pressure die-cast aluminum construction
- Spray-guided direct injection: injects the fuel at very high pressures exactly where it needs to be in the combustion chamber for cleaner, more efficient combustion.
- Variable cam timing on both intake and exhaust: incorporates the use of camshaft torque activation; provides improvement to both power and efficiency
- Variable intake manifold: long for low engine speeds, short for high engine speeds; provides improvement to both power and efficiency
- 6th generation Eaton supercharger: crankshaft-driven, more efficient, quieter
- Longer service intervals: 15,000 miles or one year between oil changes

Suspension and handling: advanced chassis technology combined with the inherent weight and stiffness benefits of the aluminum structure means the XJ has tight cornering abilities

- Adaptive Dynamics – monitors suspension inputs and continuously adapts the suspension damping to suit – up to 500 times a second - giving the best balance of comfort and body motion control
- Dynamic Stability Control – with three modes: DSC, TracDSC, and off
- JaguarDrive Control – with Dynamic and Winter Modes
- Rear air suspension – to help maintain a level ride height whether there is just a driver on board, or five occupants and their luggage

Intuitive All Wheel Drive™:

- An intelligent, active system that can transfer up to 50% of the engine torque to the front wheels when detecting loose grip situation
- Preserves the agile driving feel and response of a rear-drive version by sending most of the torque to the rear wheels when it senses dry road condition
- Pre-loads the torque to the front wheels when accelerating from rest
- An autonomous system requiring no driver intervention, but that can be further indirectly tailored through the Jaguar Drive Control™ Modes

Engine Stop/Start: Saving fuel and reducing emission

- All XJ engines are equipped with Intelligent Stop/Start technology that shuts off the engine when it is not needed – such as sitting in traffic or idling at a red light. The engine quickly restarts as soon as the driver releases the brake pedal - helping saving fuel.
- The system can be turned off with a single press of a button located on the dashboard. However, to maximize the benefits, it defaults to “ON” each time the engine is fully shut down.

5.2 Exterior

The XJ boldly sets the benchmark for luxury sedans. Feature highlights:

- Designed from the start with two wheelbases in mind: Jaguar designers worked from the start to make sure both the standard and long wheelbase models retained a flowing roofline and graceful proportions
- Coupe-like body profile: Jaguar designers broke free of the conservative "three box" paradigm for luxury sedans, bestowing the all-new XJ with a coupe-like body, but one that does not impinge upon rear headroom. The profile is not just beautiful, it also contributes to the XJ's low drag coefficient of 0.29, leading to better fuel economy and reduced wind noise

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- Panoramic glass roof: every XJ model comes standard with a panoramic glass roof. It features an up-and-out opening mechanism which does not intrude upon interior headroom, and it has twin electric retractable sun blinds to reduce the solar load at the touch of a button
- LED lighting: the LED Signature lights below the front headlights give the XJ an impressive night visage, but it is at the rear where the designers made the most of the creative flexibility offered by LEDs. Beginning on the horizontal surface of the trunk, each lamp has 57 LEDs that cascade down to the vertical rear in three strips on each side – giving a subtle echo of the claw marks of a cat
- Chrome side power vents – a brand trademark reconfigured, they feature the JAGUAR name and "SUPERCHARGED" or "XJR", identifying those specific models

5.3 Interior

Whether in standard or long wheelbase form, the interior of any XJ is an exceptional place to be, for driver or passengers. Befitting a flagship, most luxuries are standard – and are truly opulent

- Panoramic glass roof: already mentioned as a standard exterior feature, creating the sense of a light, airy and open space in the interior
- Even the 'base' XJ comes loaded with luxury touches and features, such as heated and cooled front seats with Soft grain leather, dual zone climate control, a Meridian 380 watt premium sound system, rear parking camera, hard drive-based navigation and Jaguar Smart Key with keyless entry and keyless start
- Soft grain leather for the seats on all models; with rich and luxurious Semi Aniline leather seats available as an upgrade
- Veneers in a unique, graceful and uninterrupted arc from side to side, with an Intaglio logo in pride of place in the center
- Veneers are mirror-matched and many of the woods come from sustainable forests
- Laser-cut veneer inlays available on models equipped with semi-aniline interior
- Phosphor blue interior mood lighting
- Standard heated steering wheel, with integrated infotainment system controls and transmission paddle shifters
- JaguarSense™ control of the glove box and overhead lights

5.4 Technology

The XJ is equipped with a long list of high-tech media and safety systems.

Media:

- Virtual Instruments: the XJ has no physical instrument gauge cluster, instead it uses a 12.3" high-definition screen to create an adaptable display for the driver
- An 8" HD Touch-screen display with control of audio, Bluetooth, navigation and climate control
- Interactive Voice™: enhanced voice control with 'say what you see' control commands
- iTech system: integrates Virtual Instruments, HD Touch-screen, audio single slot CD/DVD, Interactive Voice, Interactive Controls, and Media Hub for docking iPods and USB devices
- Meridian 380W Premium Sound System (*standard on XJ and XJL*): with AM/FM radio, single slot CD/DVD player, MP3 disc compatibility, hard disk drive (HDD) for audio files, and 14 speakers
- Meridian 825W Premium Sound System (*standard on Supercharged and XJR models and optional on XJ and XJL*): with Dolby® ProLogic® IIx Surround Sound, AM/FM radio, single slot CD/DVD player, MP3 disc compatibility, hard disk drive (HDD) for audio files, amplifier and 20 speakers including 2 subwoofers
- HD Radio and SIRIUS™ Satellite Radio (3 month complimentary subscription included)
- Navigation System with Hard Disk Drive-based mapping
- Bluetooth® v2.0 audio streaming

Safety and Security: for ease of use and peace of mind

- Front and rear parking sensors with Touch-screen visual indicators
- Rear parking camera
- Door puddle lamps and approach illumination

- Adaptive Cruise Control with Forward Alert and Advanced Emergency Brake Assist (*optional on all models*)
- Airbags: two-stage driver and front passenger; front side; side curtain
- Belt minder system for front and rear occupants and front seatbelt pretensioners
- Active front head restraints with whiplash protection system
- Blind Spot Monitor
- Tire Pressure Monitoring System
- Security system with alarm and engine immobilizer

6. RESOURCES

Order Guide

For additional reference – including technical specs, the full list of standard and optional equipment, color & trim chart and wheels – see the separate **2014 MY XJ Order Guide**, available on the Product & Distribution website <https://jaguarvehicles.jlrext.com/>

Online Car Configurator

In order to visually see and build the various color and trim combinations of XJ available, visit the online Car Configurator on the JaguarUSA.com website <http://www.jaguarusa.com>
The 14MY XJR is already visible on the site; with the remainder of the XJ line up planned to be released in the summer.

If you have any additional product questions please contact your Market Manager or me.

Marine Prache
Product Manager, Jaguar Sedans
E: mprache@jaguar.com
T: (201) 818-8281