

# VEHICLE SPECIFICATIONS



08/2012





Using correct and up-to-date technical data and specifications when servicing Jaguar Vehicles is important to ensure a safe and trouble free operation.

This booklet is produced to assist Jaguar Service Technicians in their task of providing first class repairs and service to Jaguar Vehicles, enabling them to achieve the high standard of workmanship customers expect from Jaguar Retailers.

The date printed on the front cover is the issue date of the booklet. The booklet will be updated and reissued periodically to enable the inclusion of new and modified data.

In between these updates we recommend that information issued in TOPIx, which supersedes the information issued here, should be entered by hand into this booklet.

Please note this is a global publication and some of the data supplied will not be applicable to your market, therefore always ensure the data required is relevant to the specification of the vehicle concerned.

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# Vehicle Identification Number (VIN)

XJ	
Model Year	Start VIN
1998	812317
1999	853936
2000	F00103
2001	F20645
2002 – and final VIN	F41863 – F59525
2003	G00442
2004	G12878
2005	G34528
2006	G49701
2006.25	H00332
2007	H11537
2008	H18680
2009	H29531
2010	V00325
2011	V00591
2012	V22230
2013	V39427

**1998 – Introduction of V8 3.2L Gasoline Engine.**  
1998 – Introduction of V8 4.0L N/A and SC Gasoline Engine.  
2003 – Introduction of New XJ.  
2003 – Introduction of V6 3.0L Gasoline Engine.  
2003 – Introduction of V8 3.5L Gasoline Engine.  
2003 – Introduction of V8 4.2L N/A and SC Gasoline Engine.  
2005 – Introduction of Long Wheel Base (LWB) vehicle.  
2006.25 – Introduction of V6 2.7L Diesel Engine.  
2010 – Introduction of New XJ.  
2010 – Introduction of V6 3.0L Diesel Engine.  
2010 – Introduction of V8 5.0L N/A Gasoline Engine.  
2010 – Introduction of V8 5.0L SC Gasoline Engine.  
2011.75 – Introduction of V6 3.0L Gasoline Engine.  
2013 – Introduction of GTDi 2.0L Gasoline Engine.  
2013 – Introduction of 3.0L SC Gasoline Engine.

Notes

# Vehicle Identification Number (VIN)

XK	
Model Year	Start VIN
1997	001246
1998	018108
1998.75	024687
1999	031303
2000	A00016
2001	A11051
2002	A24196
2003	A30645
2003.5	A35155
2004	A36874
2004.5	A40265
2005	A42348
2006 and final VIN	A44686 – A48684
2006.5	B00379
2007.25	B10527
2008	B20075

XK	
Model Year	Start VIN
2009	B27987
2010	B32753
2011	B38854
2012	B44940
2013	B48620

Notes

1997 Introduction of V8 4.0L N/A Gasoline Engine.  
 1998.75 Introduction of V8 4.0L SC Gasoline Engine.  
 2003 Introduction of V8 4.2L N/A and SC Gasoline Engine.  
 2006.5 Introduction of New XK with V8 4.2L N/A Gasoline Engine  
 2007.25 Introduction of V8 4.2L SC Gasoline Engine.  
 2010 Introduction of V8 5.0L N/A Gasoline Engine.  
 2010 Introduction of V8 5.0L SC Gasoline Engines.

XF	
Model Year	Start VIN
2008.25	R00019
2010	R47154
2011	R79435
2012	S20753
2013	S61362

**2008.25 – Introduction of V6 2.7L Diesel Engine.**  
 2008.25 – Introduction of V6 3.0L Gasoline Engine.  
 2008.25 – Introduction of V8 4.2L N/A Gasoline Engine.  
 2008.25 – Introduction of V8 4.2L SC Gasoline Engine.  
 2010 – Introduction of V6 3.0L Diesel Engine.  
 2010 – Introduction of V8 5.0L N/A Gasoline Engine.  
 2010 – Introduction of V8 5.0L SC Gasoline Engine.  
 2012 – Introduction of in-line 4 cylinder 2.2L TD4 Diesel Engine.  
 2013 – Introduction of GTDi 2.0L Gasoline Engine.  
 2013 – Introduction of 3.0L SC Gasoline Engine.

Notes

S-TYPE	
Model Year	Start VIN
1999.25	L00600
2000	L31321
2000.5	L52923
2001	L86902
2002.5	M45255
2003	M62936
2004	M94765
2004.5	N13089
2004.75	N14071
2006	N52048
2007	N71665
2008 – and final VIN	N80181 – N91220

**1999.25 – Introduction of V6 3.0L Gasoline Engine.**  
 1999.25 – Introduction of V8 4.0L Gasoline Engine.  
 2002.5 – Introduction of V6 2.5L Gasoline Engine.  
 2002.5 – Introduction of V8 4.2L N/A and SC Gasoline Engine.  
 2004.75 – Introduction of V6 2.7L Diesel Engine.

Notes



X-TYPE	
Model Year	Start VIN
2001	C00344
2002	C42385
2002.25	C59261
2003	D01808
2004	D56272
2004.5	D86655
2005	E19616
2005.5	E46483
2006	E67744
2006.25	E73994
2007	J04731
2008	J28493
2009	J39906
2010	J58932
Final VIN	J63579

**2001 – Introduction of V6 2.5L Gasoline Engine.**  
 2001 – Introduction of V6 3.0L Gasoline Engine.  
 2002.25 – Introduction of V6 2.0L Gasoline Engine.  
 2004 – Introduction of in-line 4 cylinder 2.0L Diesel Engine.  
 2004.5 – Introduction of Estate.  
 2006.25 – Introduction of in-line 4 cylinder 2.2L TDCi Diesel Engine.

Notes

XJ – Camber							
1998 up to 2003 MY	Left-Hand		Right-Hand		Balance (LH minus RH)		
	Nom	Tol	Nom	Tol	Nom	Tol	
<b>XJR Excluding NAS, and German Daimler Super-8</b>							
All Right-Hand Drive and Japan	Decimal Degrees	- 0.97°	± 0.50°	- 0.72°	± 0.50°	- 0.25°	± 1.00°
	Degrees/Minutes	- 58'	± 30'	- 43'	± 30'	- 15'	± 1°
Rest of World	Decimal Degrees	- 0.72°	± 0.50°	- 0.97°	± 0.50°	0.25°	± 1.00°
	Degrees/Minutes	- 43'	± 30'	- 58'	± 30'	15'	± 1°
<b>XJR NAS, and Comfort/Sports/Daimler Super-8</b>							
All Right-Hand Drive and Japan	Decimal Degrees	- 0.52°	± 0.50°	- 0.27°	± 0.50°	- 0.25°	± 1.00°
	Degrees/Minutes	- 31'	± 30'	- 16'	± 30'	- 15'	± 1°
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.02°	± 0.50°	- 0.52°	± 0.50°	0.50°	± 1.00°
	Degrees/Minutes	- 1'	± 30'	- 31'	± 30'	30'	± 1°
Rest of World	Decimal Degrees	- 0.27°	± 0.50°	- 0.52°	± 0.50°	0.25°	± 1.00°
	Degrees/Minutes	- 16'	± 30'	- 31'	± 30'	15'	± 1°

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XJ – Camber							
2003 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	- 0.70°	± 0.75°	- 0.30°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 42'	± 45'	- 18'	± 45'	- 24'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.25°	± 0.75°	- 0.75°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 15'	± 45'	- 45'	± 45'	30'	± 45'
Rest of World	Decimal Degrees	- 0.40°	± 0.75°	- 0.60°	± 0.75°	0.20°	± 0.75°
	Degrees/Minutes	- 24'	± 45'	- 36'	± 45'	12'	± 45'

**Note:** All above figures are at 'standard' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XJ – Camber							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Right-Hand Drive and Japan Excluding India - all Derivatives	Decimal Degrees	- 0.50°	± 0.75°	- 0.10°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 30'	± 45'	- 6'	± 45'	- 24'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.25°	0.25°	- 0.85°	0.65°	- 1.15°	0.35°
	Degrees/Minutes	- 1° 15'	15'	- 51'	39'	- 1° 9'	21'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
India - all Derivatives	Decimal Degrees	- 0.29°	± 0.75°	0.11°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 17'	± 45'	7'	± 45'	- 24'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.04°	0.46°	- 0.64°	0.86°	- 1.15°	0.35°
	Degrees/Minutes	- 1° 2'	28'	- 38'	52'	- 1° 9'	21'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XJ – Camber							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Left-Hand Drive - all Derivatives	Decimal Degrees	- 0.05°	± 0.75°	- 0.55°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 3'	± 45'	- 33'	± 45'	30'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.80°	0.70°	- 1.30°	0.20°	- 0.25°	1.25°
	Degrees/Minutes	- 48'	42'	- 1° 18'	12'	- 15'	1° 15'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XJ – Castor							
1998 up to 2003 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
<b>XJR Excluding NAS, and German Daimler Super-8</b>							
All Right-Hand Drive and Japan	Decimal Degrees	6.00°	± 2.00°	6.00°	± 2.00°	0.00°	± 1.20°
	Degrees/Minutes	6°	± 2°	6°	± 2°	0°	± 1° 12'
Rest of World	Decimal Degrees	6.00°	± 2.00°	6.00°	± 2.00°	0.00°	± 1.20°
	Degrees/Minutes	6°	± 2°	6°	± 2°	0°	± 1° 12'
<b>XJR NAS, and Comfort/Sports/Daimler Super-8</b>							
All Right-Hand Drive and Japan	Decimal Degrees	6.00°	± 2.00°	6.00°	± 2.00°	0.00°	± 1.20°
	Degrees/Minutes	6°	± 2°	6°	± 2°	0°	± 1° 12'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	6.00°	± 2.00°	6.00°	± 2.00°	0.00°	± 1.20°
	Degrees/Minutes	6°	± 2°	6°	± 2°	0°	± 1° 12'
Rest of World	Decimal Degrees	6.00°	± 2.00°	6.00°	± 2.00°	0.00°	± 1.20°
	Degrees/Minutes	6°	± 2°	6°	± 2°	0°	± 1° 12'

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XJ – Castor							
2003 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	7.57°	± 0.75°	7.04°	± 0.75°	0.54°	± 0.75°
	Degrees/Minutes	7° 34'	± 45'	7° 2'	± 45'	0° 32'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	7.48°	± 0.75°	7.48°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	7° 29'	± 45'	7° 29'	± 45'	0°	± 45'
Rest of World	Decimal Degrees	7.48°	± 0.75°	7.48°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	7° 29'	± 45'	7° 29'	± 45'	0°	± 45'

**Note:** All above figures are at ‘standard’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XJ – Castor							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Right-Hand Drive and Japan Excluding India - all Derivatives	Decimal Degrees	7.16°	± 0.75°	6.63°	± 0.75°	0.54°	± 0.75°
	Degrees/Minutes	7° 10'	± 45'	6° 37'	± 45'	32'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.41°	7.91°	5.88°	7.38°	- 0.21°	1.29°
	Degrees/Minutes	6° 25'	7° 55'	5° 53'	7° 23'	- 13'	1° 17'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
India - all Derivatives	Decimal Degrees	7.02°	± 0.75°	6.48°	± 0.75°	0.54°	± 0.75°
	Degrees/Minutes	7° 1'	± 45'	6° 29'	± 45'	32'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.27°	7.77°	5.73°	7.23°	- 0.21°	1.29°
	Degrees/Minutes	6° 16'	7° 46'	5° 44'	7° 14'	- 13'	1° 17'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**



XJ – Castor							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Left-Hand Drive - all Derivatives	Decimal Degrees	6.89°	± 0.75°	6.89°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	6° 53'	± 45'	6° 53'	± 45'	0°	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.14°	7.64°	6.14°	7.64°	- 0.75°	0.75°
	Degrees/Minutes	6° 8'	7° 38'	6° 8'	7° 38'	- 45'	45'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XJ – Toe			
1998 up to 2003 MY	Total Toe		
		Nom	Tol
<b>XJR Excluding NAS, and German Daimler Super-8</b>			
All Right-Hand Drive and Japan	Decimal Degrees	0.25°	± 0.17°
	Degrees/Minutes	15'	± 10'
Rest of World	Decimal Degrees	0.25°	± 0.17°
	Degrees/Minutes	15'	± 10'
<b>XJR NAS, and Comfort/Sports/Daimler Super-8</b>			
All Right-Hand Drive and Japan	Decimal Degrees	0.25°	± 0.17°
	Degrees/Minutes	15'	± 10'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	0.25°	± 0.17°
	Degrees/Minutes	15'	± 10'
Rest of World	Decimal Degrees	0.25°	± 0.17°
	Degrees/Minutes	15'	± 10'

Notes

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XJ – Toe							
2003 up to 2010 MY		Total Toe		LH Toe		RH Toe	
		Nom	Tol				
All Markets	Decimal Degrees	0.10°	± 0.20°	–	–	–	–
	Degrees/Minutes	6'	± 12'	–	–	–	–
<b>Note:</b> Above figures are at 'standard' height – See 'Vehicle Ride Height' section.							
2010 MY onwards		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.17°	± 0.20°	0.09°	± 0.10°	0.09°	± 0.10°
	Degrees/Minutes	10'	± 12'	5'	± 6'	5'	± 6'
		Min	Max	Min	Max	Min	Max
	Decimal Degrees	– 0.03°	0.37°	– 0.02°	0.19°	– 0.02°	0.19°
	Degrees/Minutes	– 2'	22'	– 1'	11'	– 1'	11'

**Note:** Above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XK – Camber							
1997 up to 2006.5 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	- 0.78°	± 0.50°	- 0.26°	± 0.50°	- 0.51°	± 0.70°
	Degrees/Minutes	- 47'	± 30'	- 16'	± 30'	- 31'	± 42'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.68°	± 0.50°	- 0.80°	± 0.50°	0.13°	± 0.70°
	Degrees/Minutes	- 41'	± 30'	- 48'	± 30'	8'	± 42'
Rest of World	Decimal Degrees	- 0.74°	± 0.50°	- 0.78°	± 0.50°	0.04°	± 0.70°
	Degrees/Minutes	- 44'	± 30'	- 47'	± 30'	2'	± 42'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XK – Camber							
2006.5 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	- 0.70°	± 0.75°	- 0.30°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 42'	± 45'	- 18'	± 45'	- 24'	± 45'
The figures below apply to vehicles with VIN up to B44679							
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.25°	± 0.75°	- 0.75°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 15'	± 45'	- 45'	± 45'	30'	± 45'
Rest of World	Decimal Degrees	- 0.40°	± 0.75°	- 0.60°	± 0.75°	0.20°	± 0.75°
	Degrees/Minutes	- 24'	± 45'	- 36'	± 45'	12'	± 45'
The figures below apply to vehicles with VIN B44680 onwards							
All Left-Hand Drive	Decimal Degrees	- 0.25°	± 0.75°	- 0.75°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 15'	± 45'	- 45'	± 45'	30'	± 45'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XK – Camber							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Right-Hand Drive and Japan	Decimal Degrees	- 0.70°	± 0.75°	- 0.30°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 42'	± 45'	- 18'	± 45'	- 24'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.45°	0.05°	- 1.05°	0.45°	- 1.15°	0.35°
	Degrees/Minutes	- 1° 27'	3'	- 1° 3'	27'	- 1° 9'	21'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
Left-Hand Drive	Decimal Degrees	- 0.25°	± 0.75°	- 0.75°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 15'	± 45'	- 45'	± 45'	30'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.00°	0.50°	- 1.50°	0.00°	- 0.25°	1.25°
	Degrees/Minutes	- 1°	30'	- 1° 30'	0°	- 15'	1° 15'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XK Dynamics Pack Option and XKR-S – Camber							
2009 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	- 1.00°	± 0.75°	- 0.60°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 1°	± 45'	- 36'	± 45'	- 24'	± 45'
The figures below apply to vehicles with VIN up to B44679							
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.55°	± 0.75°	- 1.05°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 33'	± 45'	- 1° 3'	± 45'	30'	± 45'
Rest of World	Decimal Degrees	- 0.70°	± 0.75°	- 0.90°	± 0.75°	0.20°	± 0.75°
	Degrees/Minutes	- 42'	± 45'	- 54'	± 45'	12'	± 45'
The figures below apply to vehicles with VIN B44680 onwards							
All Left-Hand Drive	Decimal Degrees	- 0.55°	± 0.75°	- 1.05°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 33'	± 45'	- 1° 3'	± 45'	30'	± 45'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.'1

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XK Dynamics Pack Option and XKR-S – Camber							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Right-Hand Drive and Japan	Decimal Degrees	- 1.00°	± 0.75°	- 0.60°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 1°	± 45'	- 36'	± 45'	- 24'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.75°	- 0.25°	- 1.35°	0.15°	- 1.15°	0.35°
	Degrees/Minutes	- 1° 45'	- 15'	- 1° 21'	9'	- 1° 9'	21'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
Left-Hand Drive	Decimal Degrees	- 0.55°	± 0.75°	- 1.05°	± 0.75°	0.50°	± 0.75°
	Degrees/Minutes	- 33'	± 45'	- 1° 3'	± 45'	30'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.30°	0.20°	- 1.80°	- 0.30°	- 0.25°	1.25°
	Degrees/Minutes	- 1° 18'	12'	- 1° 48'	- 18'	- 15'	1° 15'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**



XK – Castor							
1997 up to 2006.5 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	7.17°	± 0.70°	7.03°	± 0.70°	0.14°	± 0.70°
	Degrees/Minutes	7° 10'	± 42'	7° 2'	± 42'	8'	± 42'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	6.57°	± 0.70°	7.34°	± 0.70°	- 0.76°	± 0.70°
	Degrees/Minutes	6° 34'	± 42'	7° 20'	± 42'	- 46'	± 42'
Rest of World	Decimal Degrees	6.95°	± 0.70°	7.17°	± 0.70°	- 0.21°	± 0.70°
	Degrees/Minutes	6° 57'	± 42'	7° 10'	± 42'	- 13'	± 42'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XK – Castor							
2006.5 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	7.05°	± 0.75°	6.51°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	7° 3'	± 45'	6° 31'	± 45'	33'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.30°	7.80°	5.76°	7.26°	- 0.20°	1.30°
	Degrees/Minutes	6° 18'	7° 48'	5° 46'	7° 16'	- 12'	1° 18'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
All Left-Hand Drive	Decimal Degrees	6.78°	± 0.75°	6.78°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	6° 47'	± 45'	6° 47'	± 45'	0°	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.03°	7.53°	6.03°	7.53°	- 0.75°	0.75°
	Degrees/Minutes	6° 20'	7° 32'	6° 20'	7° 32'	- 45'	45'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XK Dynamics Pack Option and XKR-S – Castor							
2009 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	7.28°	± 0.75°	6.74°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	7° 17'	± 45'	6° 44'	± 45'	33'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	7.01°	± 0.75°	7.01°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	7° 1'	± 45'	7° 1'	± 45'	0°	± 45'
Rest of World	Decimal Degrees	7.01°	± 0.75°	7.01°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	7° 1'	± 45'	7° 1'	± 45'	0°	± 45'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XK Dynamics Pack Option and XKR-S – Castor							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
Right-Hand Drive and Japan	Decimal Degrees	7.20°	± 0.75°	6.65°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	7° 12'	± 45'	6° 39'	± 45'	33'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.45°	7.95°	5.90°	7.40°	- 0.20°	1.30°
	Degrees/Minutes	6° 27'	7° 57'	5° 54'	7° 24'	- 12'	1° 18'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
Left-Hand Drive	Decimal Degrees	6.93°	± 0.75°	6.93°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	6° 56'	± 45'	6° 56'	± 45'	0°	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.18°	7.68°	6.18°	7.68°	- 0.75°	0.75°
	Degrees/Minutes	6° 11'	7° 41'	6° 11'	7° 41'	- 45'	45'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XK – Toe							
1997 up to 2006.5 MY		Total Toe		LH Toe		RH Toe	
		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.25°	± 0.17°	–	–	–	–
	Degrees/Minutes	15'	± 10'	–	–	–	–
2006.5 MY onwards		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.17°	± 0.20°	0.09°	± 0.10°	0.09°	± 0.10°
	Degrees/Minutes	10'	± 12'	5'	± 6'	5'	± 6'
		Min	Max	Min	Max	Min	Max
	Decimal Degrees	– 0.03°	0.37°	– 0.02°	0.19°	– 0.02°	0.19°
	Degrees/Minutes	– 2'	22'	– 1'	11'	– 1'	11'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XK Dynamics Pack Option and XKR-S – Toe							
2009 up to 2010 MY		Total Toe		LH Toe		RH Toe	
		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.17°	± 0.20°	–	–	–	–
	Degrees/Minutes	10'	± 12'	–	–	–	–
2010 MY onwards		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.18°	± 0.20°	0.09°	± 0.10°	0.09°	± 0.10°
	Degrees/Minutes	11'	± 12'	5'	± 6'	5'	± 6'
		Min	Max	Min	Max	Min	Max
	Decimal Degrees	– 0.02°	0.38°	– 0.01°	0.19°	– 0.01°	0.19°
	Degrees/Minutes	– 1'	23'	– 1'	11'	– 1'	11'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XF – Camber							
2008.25 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	- 0.60°	± 0.75°	- 0.20°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 36'	± 45'	- 12'	± 45'	- 24'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.20°	± 0.75°	- 0.55°	± 0.75°	0.35°	± 0.75°
	Degrees/Minutes	- 12'	± 45'	- 33'	± 45'	21'	± 45'
Rest of World	Decimal Degrees	- 0.20°	± 0.75°	- 0.40°	± 0.75°	0.20°	± 0.75°
	Degrees/Minutes	- 12'	± 45'	- 24'	± 45'	12'	± 45'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XF – Camber							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan, excluding India diesel - all Derivatives	Decimal Degrees	- 0.60°	± 0.75°	- 0.20°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 36'	± 45'	- 12'	± 45'	- 24'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 1.35°	0.15°	- 0.95°	0.55°	- 1.15°	0.35°
	Degrees/Minutes	- 1° 21'	9'	- 57'	33'	- 1° 9'	21'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
India diesel	Decimal Degrees	- 0.24°	± 0.75°	0.16°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 14'	± 45'	10'	± 45'	- 24'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.99°	0.51°	- 0.59°	0.91°	- 1.15°	0.35°
	Degrees/Minutes	- 59'	31'	- 35'	55'	- 1° 9'	21'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**



XF – Camber							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Left-Hand Drive - all Derivatives	Decimal Degrees	- 0.20°	± 0.75°	- 0.55°	± 0.75°	0.35°	± 0.75°
	Degrees/Minutes	- 12'	± 45'	- 33'	± 45'	21'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.95°	0.55°	- 1.30°	0.20°	- 0.40°	1.10°
	Degrees/Minutes	- 57'	33'	- 1° 18'	12'	- 24'	1° 6'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XF – Castor							
2008.25 up to 2010 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	6.88°	± 0.75°	6.33°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	6° 53'	± 45'	6° 20'	± 45'	33'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	6.61°	± 0.75°	6.74°	± 0.75°	- 0.14°	± 0.75°
	Degrees/Minutes	6° 36'	± 45'	6° 45'	± 45'	- 8'	± 45'
Rest of World	Decimal Degrees	6.61°	± 0.75°	6.61°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	6° 36'	± 45'	6° 36'	± 45'	0°	± 45'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

XF – Castor							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan, excluding India diesel - all Derivatives	Decimal Degrees	6.88°	± 0.75°	6.33°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	6° 53'	± 45'	6° 20'	± 45'	33'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.13°	7.63°	5.58°	7.08°	- 0.20°	1.30°
	Degrees/Minutes	6° 8'	7° 38'	5° 35'	7° 5'	- 12'	1° 18'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
India diesel	Decimal Degrees	6.81°	± 0.75°	6.26°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	6° 49'	± 45'	6° 15'	± 45'	33'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	6.06°	7.56°	5.51°	7.01°	- 0.20°	1.30°
	Degrees/Minutes	6° 4'	7° 34'	5° 31'	7° 1'	- 12'	1° 18'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XF – Castor							
2010 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Left-Hand Drive	Decimal Degrees	6.61°	± 0.75°	6.74°	± 0.75°	- 0.14°	± 0.75°
	Degrees/Minutes	6° 36'	± 45'	6° 45'	± 45'	- 8'	± 45'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	5.86°	7.36°	5.99°	7.49°	- 0.89°	0.61°
	Degrees/Minutes	5° 52'	7° 22'	5° 59'	7° 29'	- 53'	37'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XF – Toe							
2008.25 up to 2010 MY		Total Toe		LH Toe		RH Toe	
		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.22°	± 0.20°	–	–	–	–
	Degrees/Minutes	13'	± 12'	–	–	–	–
2010 MY onwards		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.22°	± 0.20°	0.11°	± 0.10°	0.11°	± 0.10°
	Degrees/Minutes	13'	± 12'	7'	± 6'	7'	± 6'
		Min	Max	Min	Max	Min	Max
	Decimal Degrees	0.02°	0.42°	0.01°	0.21°	0.01°	0.21°
	Degrees/Minutes	1'	25'	1'	13'	1'	13'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

S-TYPE – Camber							
1999.25 up to 2002.5 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	- 0.25°	± 0.50°	- 0.05°	± 0.50°	- 0.20°	± 0.70°
	Degrees/Minutes	-15'	± 30'	- 3'	± 30'	- 12'	± 42'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	0.00°	± 0.50°	- 0.60°	± 0.50°	0.60°	± 0.70°
	Degrees/Minutes	0°	± 30'	- 36'	± 30'	36'	± 42'
Rest of World	Decimal Degrees	- 0.05°	± 0.50°	- 0.25°	± 0.50°	0.20°	± 0.70°
	Degrees/Minutes	- 3'	± 30'	- 15'	± 30'	12'	± 42'
2002.5 MY onwards							
All Right-Hand Drive and Japan	Decimal Degrees	- 0.60°	± 0.75°	- 0.20°	± 0.75°	- 0.40°	± 0.75°
	Degrees/Minutes	- 36'	± 45'	- 12'	± 45'	- 24'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	- 0.20°	± 0.75°	- 0.55°	± 0.75°	0.35°	± 0.75°
	Degrees/Minutes	- 12'	± 45'	- 33'	± 45'	21'	± 45'
Rest of World	Decimal Degrees	- 0.20°	± 0.75°	- 0.40°	± 0.75°	0.20°	± 0.75°
	Degrees/Minutes	- 12'	± 45'	- 24'	± 45'	12'	± 45'

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

S-TYPE – Castor							
1999.25 up to 2002.5 MY		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Right-Hand Drive and Japan	Decimal Degrees	7.80°	± 0.70°	7.80°	± 0.70°	0.00°	± 0.70°
	Degrees/Minutes	7° 48'	± 42'	7° 48'	± 42'	0°	± 42'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	7.80°	± 0.70°	7.80°	± 0.70°	0.00°	± 0.70°
	Degrees/Minutes	7° 48'	± 42'	7° 48'	± 42'	0°	± 42'
Rest of World	Decimal Degrees	7.80°	± 0.70°	7.80°	± 0.70°	0.00°	± 0.70°
	Degrees/Minutes	7° 48'	± 42'	7° 48'	± 42'	0°	± 42'
2002.5 MY onwards							
All Right-Hand Drive and Japan	Decimal Degrees	6.88°	± 0.75°	6.33°	± 0.75°	0.55°	± 0.75°
	Degrees/Minutes	6° 53'	± 45'	6° 20'	± 45'	33'	± 45'
USA, Canada, Mexico, Dominican Republic (NAS)	Decimal Degrees	6.61°	± 0.75°	6.74°	± 0.75°	- 0.14°	± 0.75°
	Degrees/Minutes	6° 36'	± 45'	6° 45'	± 45'	- 8'	± 45'
Rest of World	Decimal Degrees	6.61°	± 0.75°	6.61°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	6° 36'	± 45'	6° 36'	± 45'	0°	± 45'

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

S-TYPE – Toe			
1999.25 up to 2002.5 MY		Total Toe	
		Nom	Tol
All Markets	Decimal Degrees	0.17°	± 0.17°
	Degrees/Minutes	10'	± 10'
2002.5 MY onwards			
All Markets	Decimal Degrees	0.10°	± 0.20°
	Degrees/Minutes	6'	± 12'

Notes

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.



X-TYPE – Camber							
2001 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	- 0.54°	± 0.75°	- 0.54°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	- 32'	± 45'	- 32'	± 45'	0°	± 45'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

## X-TYPE – Castor

2001 MY onwards		Left-Hand		Right-Hand		Balance (LH minus RH)	
		Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	2.25°	± 0.75°	2.25°	± 0.75°	0.00°	± 0.75°
	Degrees/Minutes	2° 15'	± 45'	2° 15'	± 45'	0°	± 45'

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

### Notes

X-TYPE – Toe			
2001 MY onwards		Total Toe	
		Nom	Tol
All Markets	Decimal Degrees	- 0.10°	± 0.20°
	Degrees/Minutes	- 6'	± 12'

Notes

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XJ – Camber					
1998 up to 2003 MY		Left-Hand		Right-Hand	
		Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	- 0.65°	± 0.60°	- 0.65°	± 0.60°
	Degrees/Minutes	- 39'	± 33'	- 39'	± 33'
Above figures are at 'showroom' height – See 'Vehicle Ride Height' section.					
2003 up to 2010 MY					
All Markets	Decimal Degrees	- 0.89°	± 0.75°	- 0.89°	± 0.75°
	Degrees/Minutes	- 53'	± 45'	- 53'	± 45'

Notes

**Note:** Above figures are at 'standard' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XJ – Camber						<u>Notes</u>
2010 MY onwards		Left-Hand		Right-Hand		
All Markets, excluding India - all Derivatives		Nom	Tol	Nom	Tol	
	Decimal Degrees	- 0.67°	± 0.75°	- 0.67°	± 0.75°	
	Degrees/Minutes	- 40'	± 45'	- 40'	± 45'	
		Min	Max	Min	Max	
	Decimal Degrees	- 1.42°	0.08°	- 1.42°	0.08°	
	Degrees/Minutes	- 1° 25'	5'	- 1° 25'	5'	
		Nom	Tol	Nom	Tol	
India - all Derivatives	Decimal Degrees	- 0.44°	± 0.75°	- 0.44°	± 0.75°	
	Degrees/Minutes	- 26'	± 45'	- 26'	± 45'	
		Min	Max	Min	Max	
	Decimal Degrees	- 1.19°	0.31°	- 1.19°	0.31°	
	Degrees/Minutes	- 1° 11'	19'	- 1° 11'	19'	

**Note:** Above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XJ – Toe									
1998 up to 2003 MY		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.17°	± 0.08°	0.17°	± 0.08°	0.33°	± 0.17°	0.00°	± 0.08°
	Degrees/Minutes	10'	± 5'	10'	± 5'	20'	± 10'	0°	± 5'
Above figures are at 'showroom' height – See 'Vehicle Ride Height' section.									
2003 up to 2010 MY									
All Markets	Decimal Degrees	0.08°	± 0.14°	0.08°	± 0.14°	0.16°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	5'	± 8'	5'	± 8'	10'	± 12'	0°	± 8'

**Note:** Above figures are at 'standard' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XJ – Toe									
2010 MY onwards		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets Excluding India - all Derivatives	Decimal Degrees	0.10°	± 0.14°	0.10°	± 0.14°	0.20°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	6'	± 8'	6'	± 8'	12'	± 12'	0°	± 8'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.04°	0.24°	- 0.04°	0.24°	0.00°	0.40°	- 0.14°	0.14°
	Degrees/Minutes	- 2'	14'	- 2'	14'	0°	24'	- 8'	8'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
India - all Derivatives	Decimal Degrees	0.08°	± 0.14°	0.08°	± 0.14°	0.16°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	5'	± 8'	5'	± 8'	10'	± 12'	0°	± 8'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.06°	0.22°	- 0.06°	0.22°	- 0.04°	0.36°	- 0.14°	0.14°
	Degrees/Minutes	- 4'	13'	- 4'	13'	- 2'	22'	- 8'	8'

**Note:** Above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

XK – Camber					
1997 up to 2006.5 MY		Left-Hand		Right-Hand	
		Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	- 0.50°	± 0.40°	- 0.50°	± 0.40°
	Degrees/Minutes	- 30'	± 24'	- 30'	± 24'
2006.5 up to 2010 MY					
All Markets (naturally aspirated)	Decimal Degrees	- 0.53°	± 0.75°	- 0.53°	± 0.75°
	Degrees/Minutes	- 32'	± 45'	- 32'	± 45'
All Markets (supercharged)	Decimal Degrees	- 0.63°	± 0.75°	- 0.63°	± 0.75°
	Degrees/Minutes	- 38'	± 45'	- 38'	± 45'

**Notes**

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.



XK – Camber						<u>Notes</u>
2010 MY onwards		Left-Hand		Right-Hand		
		Nom	Tol	Nom	Tol	
Naturally Aspirated	Decimal Degrees	- 0.60°	± 0.75°	- 0.60°	± 0.75°	
	Degrees/Minutes	- 36'	± 45'	- 36'	± 45'	
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	
	Decimal Degrees	- 1.35°	0.15°	- 1.35°	0.15°	
	Degrees/Minutes	- 1° 21'	9'	- 1° 21'	9'	
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	
Supercharged	Decimal Degrees	- 0.72°	± 0.75°	- 0.72°	± 0.75°	
	Degrees/Minutes	- 43'	± 45'	- 43'	± 45'	
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	
	Decimal Degrees	- 1.47°	0.03°	- 1.47°	0.03°	
	Degrees/Minutes	- 1° 28'	2'	- 1° 28'	2'	

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XK Dynamics Pack Option and XKR-S – Camber					
2009 up to 2010 MY		Left-Hand		Right-Hand	
		Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	- 0.99°	± 0.75°	- 0.99°	± 0.75°
	Degrees/Minutes	- 59'	± 45'	- 59'	± 45'
2010 MY onwards					
All Markets		Nom	Tol	Nom	Tol
	Decimal Degrees	- 1.00°	± 0.75°	- 1.00°	± 0.75°
	Degrees/Minutes	- 1°	± 45'	- 1°	± 45'
		Min	Max	Min	Max
	Decimal Degrees	- 1.75°	- 0.25°	- 1.75°	- 0.25°
	Degrees/Minutes	- 1° 45'	- 15'	- 1° 45'	- 15'

Notes

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

XK – Toe									
1997 up to 2006.5 MY		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.17°	± 0.08°	0.17°	± 0.08°	0.33°	± 0.17°	0.00°	± 0.08°
	Degrees/Minutes	10'	± 5'	10'	± 5'	20'	± 10'	0°	± 5'
2006.5 MY onwards									
All Markets		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
	Decimal Degrees	0.13°	± 0.14°	0.13°	± 0.14°	0.25°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	8'	± 8'	8'	± 8'	15'	± 12'	0°	± 8'
		Min	Max	Min	Max	Min	Max	Min	Max
	Decimal Degrees	- 0.02°	0.27°	- 0.02°	0.27°	0.05°	0.45°	- 0.14°	0.14°
	Degrees/Minutes	- 1'	16'	- 1'	16'	3'	27'	- 8'	8'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

**XK Dynamics Pack Option and XKR-S – Toe**

2009 MY onwards		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.13°	± 0.14°	0.13°	± 0.14°	0.25°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	8'	± 8'	8'	± 8'	15'	± 12'	0°	± 8'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.02°	0.27°	- 0.02°	0.27°	0.05°	0.45°	- 0.14°	0.14°
	Degrees/Minutes	- 1'	16'	- 1'	16'	3'	27'	- 8'	8'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Notes**

XF – Camber						<u>Notes</u>
2008.25 up to 2010 MY		Left-Hand		Right-Hand		
		Nom	Tol	Nom	Tol	
All Markets	Decimal Degrees	- 0.69°	± 0.75°	- 0.69°	± 0.75°	
	Degrees/Minutes	- 41'	± 45'	- 41'	± 45'	
2010 MY onwards		Nom	Tol	Nom	Tol	
All Markets, Naturally Aspirated and Diesel, Excluding India Diesel	Decimal Degrees	- 0.78°	± 0.75°	- 0.78°	± 0.75°	
	Degrees/Minutes	- 47'	± 45'	- 47'	± 45'	
		Min	Max	Min	Max	
	Decimal Degrees	- 1.53°	-0 .03°	- 1.53°	-0 .03°	
	Degrees/Minutes	- 1° 32'	- 2'	- 1° 32'	- 2'	

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

XF – Camber						<u>Notes</u>
2010 MY onwards		Left-Hand		Right-Hand		
		Nom	Tol	Nom	Tol	
India diesel	Decimal Degrees	- 0.43°	± 0.75°	- 0.43°	± 0.75°	
	Degrees/Minutes	- 26'	± 45'	- 26'	± 45'	
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	
	Decimal Degrees	- 1.18°	0.32°	- 1.18°	0.32°	
	Degrees/Minutes	- 1° 11'	19'	- 1° 11'	19'	
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	
All Markets (‘R’ supercharged)	Decimal Degrees	- 0.98°	± 0.75°	- 0.98°	± 0.75°	
	Degrees/Minutes	- 59'	± 45'	- 59'	± 45'	
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	
	Decimal Degrees	- 1.73°	- 0.23°	- 1.73°	- 0.23°	
	Degrees/Minutes	- 1° 44'	- 14'	- 1° 44'	- 14'	

**Note:** All above figures are at ‘curb’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

XF – Toe									
2010 MY onwards		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets and derivatives, excluding India diesel.	Decimal Degrees	0.08°	± 0.14°	0.08°	± 0.14°	0.17°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	5'	± 8'	5'	± 8'	10'	± 12'	0°	± 8'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.06°	0.22°	- 0.06°	0.22°	- 0.03°	0.37°	- 0.14°	0.14°
	Degrees/Minutes	- 4'	13'	- 4'	13'	- 2'	22'	- 8'	8'
		<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>	<b>Nom</b>	<b>Tol</b>
India diesel	Decimal Degrees	0.06°	± 0.14°	0.06°	± 0.14°	0.11°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	4'	± 8'	4'	± 8'	7'	± 12'	0°	± 8'
		<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	Decimal Degrees	- 0.08°	0.20°	- 0.08°	0.20°	- 0.09°	0.31°	- 0.14°	0.14°
	Degrees/Minutes	- 5'	12'	- 5'	12'	- 5'	19'	- 8'	8'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

S-TYPE – Camber					
1999.25 up to 2002.5 MY		Left-Hand		Right-Hand	
		Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	- 1.00°	± 0.75°	- 1.00°	± 0.75°
	Degrees/Minutes	- 1°'	± 45'	- 1°	± 45'
2002.5 MY onwards					
All Markets	Decimal Degrees	- 0.54°	± 0.75°	- 0.54°	± 0.75°
	Degrees/Minutes	- 32'	± 45'	- 32'	± 45'

Notes

**Note:** All above figures are at 'showroom' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.



S-TYPE – Toe									
1999.25 up to 2002.5 MY		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.12°	± 0.10°	0.12°	± 0.10°	0.25°	± 0.17°	0.00°	± 0.10°
	Degrees/Minutes	7'	± 6'	7'	± 6'	15'	± 10'	0°	± 6'
2002.5 MY onwards									
All Markets	Decimal Degrees	0.08°	± 0.14°	0.08°	± 0.14°	0.16°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	5'	± 8'	5'	± 8'	10'	± 12'	0°	± 8'

**Note:** All above figures are at ‘showroom’ height – See ‘Vehicle Ride Height’ section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to ‘positive’ and ‘negative’ values and the format of either ‘decimal degrees’ or ‘degrees/minutes’ when entering data into your measuring equipment.

**Notes**

X-TYPE – Camber					
2001 MY onwards		Left-Hand		Right-Hand	
		Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	- 0.70°	± 0.75°	- 0.70°	± 0.75°
	Degrees/Minutes	- 42'	± 45'	- 42'	± 45'

Notes

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

X-TYPE – Toe									
2001 MY onwards		Left-Hand		Right-Hand		Total Toe		Thrust Angle	
		Nom	Tol	Nom	Tol	Nom	Tol	Nom	Tol
All Markets	Decimal Degrees	0.12°	± 0.14°	0.12°	± 0.14°	0.25°	± 0.20°	0.00°	± 0.14°
	Degrees/Minutes	7'	± 8'	7'	± 8'	15'	± 12'	0°	± 8'

**Note:** All above figures are at 'curb' height – See 'Vehicle Ride Height' section.

**Note:** Tires must be inflated to normal pressure.

**Note:** Pay special attention to 'positive' and 'negative' values and the format of either 'decimal degrees' or 'degrees/minutes' when entering data into your measuring equipment.

**Notes**

Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
<b>XJ: 1998 up to 2003 MY (SWB and LWB)</b>					
Comfort Suspension	All	389 (15.31)	383 (15.07)	389 (15.31)	373 (14.68)
Sport Suspension	All	384 (15.11)	376 (14.80)	384 (15.11)	368 (14.48)
XJR	NAS	389 (15.31)	382 (15.03)	388 (15.27)	372 (14.64)
XJR	ROW	371 (14.60)	369 (14.52)	370 (14.56)	362 (14.25)
Supercharged Super 8	All	389 (15.31)	382 (15.03)	388 (15.27)	372 (14.64)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume  $\pm 15$  mm (0.59 inch) anticipated build variance and condition.

**Notes**

Vehicle/Suspension	Market	Standard Ride – mm	
		Front	Rear
<b>XJ: 2003 up to 2010 MY (SWB and LWB)</b>			
Air Suspension	All	386	373

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Ride heights quoted are as attained after the vehicle has been leveled using the Pre-Geometry function in Jaguar Approved Diagnostic Equipment. Once leveled, the figures quoted assume  $\pm 15$  mm anticipated build variance and condition.

**Note:** Ride height calibration can only be performed using Jaguar Approved Diagnostic Equipment.

**Note:** Due to diagnostic equipment calibration, metric figures are quoted only.

Notes

Vehicle/Suspension	Market	Showroom – mm		Curb – mm	
		Front	Rear	Front	Rear
<b>XJ: 2010 MY onwards (SWB and LWB)</b>					
Front – Coil Springs / Rear – Air Suspension	All excluding India	406	405	405	403
Front – Coil Springs / Rear – Air Suspension	India	417	415	415	413

**Note:** Ride height calibration can only be performed using Jaguar Approved Diagnostic Equipment.

**Note:** Due to diagnostic equipment calibration, metric figures are quoted only.

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume ± 12 mm (0.47 inch) anticipated build variance and condition.

**Notes**

Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
<b>XK: 1997 up to 2006.5 MY</b>					
XK8	All	401 (15.78)	416 (16.37)	400 (15.74)	405 (15.94)
XKR	All	401 (15.78)	415 (16.33)	400 (15.74)	405 (15.94)
<b>XK: 2006.5 up to 2010 MY</b>					
Naturally aspirated	All	397 (15.63)	401 (15.78)	396 (15.59)	396 (15.59)
Supercharged	All	394 (15.51)	397 (15.63)	394 (15.51)	393 (15.47)
<b>XK: 2010 MY onwards</b>					
Naturally aspirated	All	394 (15.51)	398 (15.67)	394 (15.51)	394 (15.51)
Supercharged	All	392 (15.43)	393 (15.47)	392 (15.43)	389 (15.31)
<b>XK Dynamics Pack Option and XKR-S: 2009 up to 2010 MY</b>					
	All	384 (15.11)	382 (15.03)	384 (15.11)	379 (14.92)
<b>XK Dynamics Pack Option and XKR-S: 2010 MY onwards</b>					
	All	382 (15.03)	383 (15.07)	381 (15.00)	379 (14.92)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume ± 15 mm (0.59 inch) anticipated build variance and condition.

**Notes**

Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
<b>XF: 2008.25 up to 2010 MY</b>					
Naturally aspirated and Diesel	All	388 (15.27)	397 (15.63)	387 (15.24)	392 (15.43)
Supercharged	All	387 (15.24)	391 (15.39)	386 (15.19)	387 (15.24)
<b>XF: 2010 MY onwards</b>					
Naturally aspirated and Diesel	All excluding India	388 (15.27)	395 (15.55)	387 (15.23)	390 (15.35)
Diesel	India	404 (15.90)	412 (16.22)	403 (15.86)	407 (16.02)
'R' Supercharged	All	384 (15.11)	385 (15.15)	384 (15.11)	382 (15.03)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume ± 15 mm (0.59 inch) anticipated build variance and condition.

**Notes**



Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>					
V6 Manual – Non adaptive damping	All	387 (15.23)	384 (15.11)	385 (15.15)	378 (14.88)
V6 Manual – With adaptive damping	All	385 (15.15)	381 (15.00)	384 (15.11)	375 (14.76)
V6 Auto – Non adaptive damping	All	386 (15.19)	384 (15.11)	384 (15.11)	378 (14.88)
V6 Auto – With adaptive damping	All	385 (15.15)	381 (15.00)	384 (15.11)	375 (14.76)
V8 Auto – Non adaptive damping	All	386 (15.19)	384 (15.11)	384 (15.11)	378 (14.88)
V8 Auto – With adaptive damping	All	385 (15.15)	381 (15.00)	383 (15.07)	375 (14.76)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume ± 15 mm (0.59 inch) anticipated build variance and condition.

**Notes**

Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
<b>S-TYPE: 2002.5 up to 2004.5 MY</b>					
V6 Manual – Non adaptive damping	All	389 (15.31)	390 (15.35)	387 (15.23)	385 (15.15)
V6 Manual – With adaptive damping	All	386 (15.19)	385 (15.15)	385 (15.15)	380 (14.96)
V6 Auto – Non adaptive damping	All	389 (15.31)	390 (15.35)	387 (15.23)	385 (15.15)
V6 Auto – With adaptive damping	All	386 (15.19)	385 (15.15)	385 (15.15)	380 (14.96)
V8 N/A Auto – Non adaptive damping	All	387 (15.23)	390 (15.35)	386 (15.19)	385 (15.15)
V8 N/A Auto – With adaptive damping	All	385 (15.15)	385 (15.15)	384 (15.11)	380 (14.96)
V8 SC Auto – With adaptive damping	All	382 (15.03)	380 (14.96)	381 (14.99)	375 (14.76)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume ± 15 mm (0.59 inch) anticipated build variance and condition.

**Notes**

Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
<b>S-TYPE: 2004.5 MY onwards</b>					
V6 Gasoline – Comfort	All	390 (15.35)	388 (15.27)	388 (15.27)	383 (15.07)
V6 Gasoline – Sport	All	387 (15.23)	384 (15.11)	386 (15.19)	379 (14.92)
V8 Gasoline – Comfort	All	389 (15.31)	388 (15.27)	387 (15.23)	382 (15.03)
V8 Gasoline – Sport	All	387 (15.23)	384 (15.11)	385 (15.15)	379 (14.92)
V8 Gasoline – Supercharged ‘R’	All	382 (15.03)	380 (14.96)	381 (14.99)	375 (14.76)
V6 Diesel – Comfort	All	388 (15.27)	388 (15.27)	386 (15.19)	383 (15.07)
V6 Diesel – Sport	All	385 (15.15)	384 (15.11)	384 (15.11)	379 (14.92)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume ± 15 mm (0.59 inch) anticipated build variance and condition.

**Notes**

Vehicle/Suspension	Market	Showroom – mm (inch)		Curb – mm (inch)	
		Front	Rear	Front	Rear
X-TYPE: 2001 MY onwards					
All	All	370 (14.56)	375 (14.76)	371 (14.60)	370 (14.56)

**Note:** Ride height is measured from the center of the wheel to the apex of the wheel arch, through the wheel center line.

**Note:** Showroom = with all fluids at full and 20 liters (21 US Quarts) of fuel.

**Note:** Curb = with all fluids at full and a full tank of fuel.

**Note:** All figures quoted assume  $\pm 15$  mm (0.59 inch) anticipated build variance and condition.

**Notes**

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XJ: 1998 up to 2003 MY</b>						
V8 N/A	7" x 16"	225/60R16	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
	8" x 16"	225/55R16	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
	8" x 17"	235/50R17	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
Super V8 SC	7.5" x 17"	235/50R17	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
XJR SC	8" and 8.5" x 18"	255/40R18	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
SVO option	8.5" x 19"	255/35R19	2.2 (32)	2.4 (35)	2.3 (34)	2.6 (38)
<b>XJ: 2003 up to 2010 MY</b>						
V6/V8 Gasoline N/A	8" x 18"	235/50R18	1.9 (28)	2.0 (30)	2.5 (36)	2.6 (38)
V6 Diesel	8" x 18"	235/50R18	2.0 (30)	2.0 (30)	2.5 (36)	2.6 (38)
NAS and Canada – N/A	8" x 18"	235/50R18	–	–	2.0 (30)	2.2 (32)
V8 SC	8.5" x 19"	255/40R19	1.9 (28)	2.0 (30)	2.2 (32)	2.3 (34)
NAS and Canada – N/A	8.5" x 19"	255/40R19	–	–	2.2 (32)	2.3 (34)
SVO option	8.5" x 20"	255/35R20	2.2 (32)	2.3 (34)	2.3 (34)	2.5 (36)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XJ: 2010 up to 2010.5 MY</b>						
N/A and Diesel	8" x 18"	245/50R18 104Y	2.2 (32)	–	2.2 (32)	–
	9" x 18"	275/45R18 107Y	–	2.2 (32)	–	2.2 (32)
All	9" x 19"	245/45R19 102Y	2.2 (32)	–	2.2 (32)	–
	10" x 19"	275/40R19 105Y	–	2.2 (32)	–	2.2 (32)
	9" x 20"	245/40R20 99Y	2.2 (32)	–	2.2 (32)	–
	10" x 20"	275/35R20 102Y	–	2.2 (32)	–	2.2 (32)
NAS and Canada All Season (option) 12MY onwards	9" x 20"	245/40R20 99W	–	–	2.4 (35)	–
	10" x 20"	275/35R20 102W	–	–	–	2.4 (35)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XJ: 2010.5 MY onwards</b>						
ROW	8" x 18"	245/50R18	2.2 (32)	–	–	–
	9" x 18"	275/45R18	–	2.2 (32)	–	–
	9" x 19"	245/45R19	2.2 (32)	–	–	–
	10" x 19"	275/40R19	–	2.2 (32)	–	–
	9" x 20"	245/40R20	2.2 (32)	–	–	–
	10" x 20"	275/35R20	–	2.2 (32)	–	–
NAS and Canada	9" x 19"	245/45R19	2.2 (32)	–	–	–
	10" x 19"	275/40R19	–	2.2 (32)	–	–
	9" x 20"	245/40R20	2.3 (34)	–	–	–
	10" x 20"	275/35R20	–	2.3 (34)	–	–
Speedpack Up to 280 km/h (174 mile/h)	9" x 20"	245/40R20	2.2 (32)	–	2.7 (39)	–
	10" x 20"	275/35R20	–	2.2 (32)	–	2.7 (39)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XK: 1997 up to 2006.5 MY</b>						
XK8	8" x 17"	245/50R17	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
XKR and 18" Option	8" x 18"	245/45R18	1.8 (26)	–	2.2 (32)	–
	9" x 18"	255/45R18	–	1.9 (28)	–	2.3 (34)
19" Option	8" x 19"	245/40R19	2.2 (32)	–	2.2 (32)	–
	9" x 19"	255/40R19	–	2.3 (34)	–	2.3 (34)
SVO Option	9" x 20"	255/35R20	2.2 (32)	–	2.2 (32)	–
	10" x 20"	285/30R20	–	2.0 (30)	–	2.0 (30)
<b>XK: 2006.5 up to 2010 MY</b>						
N/A	8.5" x 18"	245/45ZR18	2.1 (31)	–	2.1 (31)	–
	9.5" x 18"	275/40ZR18	–	2.3 (33)	–	2.3 (33)
All	8.5" x 19"	245/40R19	2.1 (31)	–	2.1 (31)	–
	9.5" x 19"	275/35R19	–	2.3 (33)	–	2.3 (33)
	8.5" x 20"	255/35ZR20	2.1 (31)	–	2.1 (31)	–
	9.5" x 20"	285/30ZR20	–	2.3 (33)	–	2.3 (33)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.



Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XK: 2010 MY onwards</b>						
XK only	8.5" x 18"	245/45ZR18	2.3 (33)	–	–	–
	9.5" x 18"	275/40ZR18	–	2.5 (36)	–	–
	8.5" x 20"	255/35R20	2.3 (33)	–	–	–
	9.5" x 20"	285/30R20	–	2.5 (36)	–	–
XK and XKR	8.5" x 19"	245/40R19	2.3 (33)	–	–	–
	9.5" x 19"	275/35R19	–	2.5 (36)	–	–
SC XKR 'Speed Pack' Up to 280 km/h (174 mile/h)	8.5" x 20"	255/35ZR20	–	–	2.5 (36)	–
	9.5" x 20"	285/30ZR20	–	–	–	2.5 (36)
	9" x 20"	255/35ZR20	–	–	2.5 (36)	–
	10" x 20"	285/30ZR20	–	–	–	2.5 (36)
SC XKRS - 12 MY Up to 280 km/h (174 mile/h)	9" x 20"	255/35R20	–	–	2.5 (36)	–
	10.5" x 20"	295/30R20	–	–	–	2.3 (33)
SC XKRS - 12 MY Up to 300 km/h (186 mile/h)	9" x 20"	255/35R20	–	–	2.8 (41)	–
	10.5" x 20"	295/30R20	–	–	–	2.8 (41)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XF: 2008.25 up to 2010 MY</b>						
ROW – N/A and Diesel	7.5" x 17"	235/55R17	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)
	8.5" x 18"	245/45R18	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
	8.5" x 19"	245/40R19	2.1 (31)	2.1 (31)	2.5 (36)	2.5 (36)
All except SC	8.5" x 20"	255/35R20	2.3 (34)	2.3 (34)	2.6 (38)	2.6 (38)
NAS and Canada	8.5" x 18"	245/45R18	–	–	2.1 (31)	2.1 (31)
	8.5" x 19"	245/40R19	–	–	2.4 (35)	2.4 (35)
SV8 SC	8.5" x 20"	255/35R20	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)
	9.5" x 20"	285/30R20	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>XF: 2010 up to 2013 MY</b>						
ROW – N/A and Diesel	7.5" x 17"	235/55R17 99W	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)
	8.5" x 18"	245/45R18 100Y	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
	8.5" x 19"	245/40R19 98Y	2.2 (32)	2.2 (32)	2.5 (36)	2.5 (36)
	8.5" x 20"	255/35R20 97Y	2.3 (34)	2.3 (34)	2.6 (38)	2.6 (38)
NAS and Canada - N/A	8.5" x 18"	245/45R18 96H	–	–	2.3 (33)	2.3 (33)
	8.5" x 19"	245/40R19 94H	–	–	2.5 (36)	2.5 (36)
	8.5" x 19"	245/40R19 (run flat) 94Y	–	–	2.3 (34)	2.3 (34)
	8.5" x 20"	255/35R20 97Y	–	–	2.3 (34)	2.3 (34)
'R' SC model	8.5" x 20"	255/35ZR20 97Y	2.3 (34)	–	2.3 (34)	–
	9.5" x 20"	285/30ZR20 99Y	–	2.3 (34)	–	2.3 (34)
NAS and Canada - N/A All Season (option) 12MY onwards	8.5" x 20"	255/35R20 97W	–	–	2.6 (38)	2.6 (38)
NAS and Canada - SC All Season (option) 12MY onwards	8.5" x 20"	255/35R20 97W	–	–	2.5 (36)	–
	9.5" x 20"	285/30R20 99W	–	–	–	2.5 (36)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> ) Three Occupant Load				Tire Pressure – bar – (lbf/in <sup>2</sup> ) Full Load			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)		Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear	Front	Rear	Front	Rear
<b>XF: 2013 MY onwards</b>										
ROW Naturally Aspirated and Diesel	7.5" x 17"	235/55R17	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)
	8.5" x 18"	245/45R18	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)	2.2 (32)	2.2 (32)	2.8 (41)	2.8 (41)
	8.5" x 19"	245/40R19	2.2 (32)	2.2 (32)	2.5 (36)	2.5 (36)	2.2 (32)	2.2 (32)	2.5 (36)	2.5 (36)
	8.5" x 20"	255/35R20	2.3 (34)	2.3 (34)	2.3 (34)	2.3 (34)	2.4 (35)	2.4 (35)	2.6 (38)	2.6 (38)
NAS and Canada vehicle maximum speed: 195 km/h (120 mile/h)	8.5" x 18"	245/45R18	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)	2.2 (32)	2.2 (32)	2.6 (38)	2.6 (38)
	8.5" x 19"	245/40R19	2.2 (32)	2.2 (32)	2.3 (34)	2.3 (34)	2.4 (35)	2.4 (35)	2.6 (38)	2.6 (38)
	8.5" x 20"	255/35R20 97W	–	–	2.6 (38)	2.6 (38)	–	–	2.6 (38)	2.6 (38)
	8.5" x 20"	255/35R20 97Y	–	–	2.3 (34)	2.3 (34)	–	–	2.3 (34)	2.3 (34)
'R' SC	8.5" x 20"	255/35ZR20	2.3 (34)	–	2.4 (35)	–	2.3 (34)	–	2.5 (37)	–
	9.5" x 20"	285/30ZR20	–	2.3 (34)	–	2.4 (35)	–	2.3 (34)	–	2.5 (37)
Sportbrake / Wagon	7.5" x 17"	235/55R17	2.3 (34)	2.5 (36)	2.3 (34)	2.5 (36)	2.3 (34)	2.5 (36)	2.3 (34)	2.5 (36)
	8.5" x 18"	245/45R18 100W/Y	2.1 (31)	2.3 (33)	2.5 (37)	2.7 (39)	2.2 (32)	2.3 (34)	2.8 (41)	2.9 (43)
	8.5" x 18"	245/45R18 96H	2.1 (31)	2.3 (33)	2.2 (32)	2.3 (34)	2.2 (32)	2.3 (34)	2.5 (36)	2.6 (38)
	8.5" x 19"	245/40R19	2.2 (32)	2.3 (34)	2.3 (34)	2.5 (36)	2.3 (34)	2.5 (36)	2.6 (38)	2.7 (40)
	8.5" x 20"	255/35R20	2.3 (34)	2.5 (36)	2.5 (36)	2.6 (38)	2.5 (36)	2.6 (38)	2.7 (39)	2.8 (41)

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>						
3.0L and 4.0L	7" and 7.5" x 16"	225/55R16	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
Sport	7.5" x 17"	235/50R17	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
Sport	7.5" x 17"	245/45R17	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
Sport	8" x 18"	245/40R18	1.8 (26)	1.9 (28)	2.2 (32)	2.3 (34)
<b>S-TYPE: 2002.5 up to 2004.75 MY</b>						
'R' SC model	8" x 18"	245/40ZR18	1.9 (28)	–	2.5 (36)	–
	9.5" x 18"	275/35ZR18	–	2.2 (32)	–	2.7 (40)
			Load up to 4 people – any speed		Load over 4 people – any speed	
			Front	Rear	Front	Rear
2.5L	6.5" x 16"	205/60R16	2.2 (32)	2.2 (32)	2.7 (39)	2.8 (41)
2.5 SE and 3.0	7.5" x 16"	225/55R16	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
Sport and 4.2	7.5" x 17"	235/50R17	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
SVO Option	8" x 18"	245/40R18	2.1 (31)	2.1 (31)	2.4 (35)	2.4 (35)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>S-TYPE: 2004.75 up to 2006 MY</b>						
'R' SC model	8" x 18"	245/40ZR18	2.0 (30)	–	2.7 (40)	–
	9.5" x 18"	275/35ZR18	–	2.2 (32)	–	2.7 (40)
			<b>Load up to 4 people – any speed</b>		<b>Load over 4 people – any speed</b>	
			<b>Front</b>	<b>Rear</b>	<b>Front</b>	<b>Rear</b>
2.5L	6.5" x 16"	205/60R16	2.2 (32)	2.2 (32)	2.6 (38)	3.0 (42)
SE all engines	7.5" x 17"	235/50R17	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
Sport all engines	8" x 18"	245/40R18	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
SVO Option	8" x 18"	245/40R18	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
SE all engines (NAS)	7.5" x 17"	235/50R17	2.1 (31)	2.1 (31)	2.2 (32)	2.2 (32)
Sport all engines (NAS)	8" x 18"	245/40R18	2.1 (31)	2.1 (31)	2.4 (35)	2.4 (35)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>S-TYPE: 2006 MY onwards</b>						
SE all engines	7.5" x 17"	235/50R17	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
Sport all engines	8" x 18"	245/40R18	2.1 (31)	2.1 (31)	2.6 (38)	2.6 (38)
SVO Option	8" x 19"	245/35R19	2.3 (33)	–	2.5 (37)	–
	9.5" x 19"	275/30R19	–	2.4 (35)	–	2.7 (39)
SE all engines (NAS)	7.5" x 17"	235/50R17	2.2 (32)	2.2 (32)	2.2 (32)	2.2 (32)
Sport all engines (NAS)	8" x 18"	245/40R18	2.4 (35)	2.4 (35)	2.4 (35)	2.4 (35)
'R' SC model	8" x 18"	245/40ZR18	2.0 (30)	–	2.7 (40)	–
	9.5" x 18"	275/35ZR18	–	2.2 (32)	–	2.7 (40)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**

Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>X-TYPE: 2001 MY onwards</b>						
<b>2.5L and 3.0L Gasoline</b>						
Standard	6.5" x 16"	205/55R16	2.2 (32)	2.2 (32)	2.6 (38)	2.4 (35)
Sport	7" x 17"	225/45R17 91Y	2.0 (30)	2.0 (30)	2.6 (38)	2.4 (35)
Sport	7" x 17"	225/45R17 94W	2.3 (34)	2.3 (34)	2.6 (38)	2.5 (36)
Sport	7.5" x 18"	225/40R18	2.5 (36)	2.3 (34)	2.7 (40)	2.4 (35)
<b>X-TYPE: 2002.25 MY onwards</b>						
<b>2.0L Gasoline</b>						
Standard	6.5" x 16"	205/55R16	2.0 (30)	2.0 (30)	2.4 (35)	2.2 (32)
Sport	7" x 17"	205/50R17	2.3 (34)	2.3 (34)	2.5 (36)	2.3 (34)
Sport	7.5" x 18"	225/40R18	2.3 (34)	2.2 (32)	2.6 (38)	2.4 (35)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**



Vehicle	Wheel Size	Tire Size	Tire Pressure – bar – (lbf/in <sup>2</sup> )			
			Up to 160 km/h (100 mile/h)		Over 160 km/h (100 mile/h)	
			Front	Rear	Front	Rear
<b>X-TYPE: 2004 MY onwards</b>						
<b>2.0L and 2.2L Diesel</b>						
Standard	6.5" x 16"	205/55R16	2.2 (32)	2.0 (30)	2.4 (35)	2.2 (32)
Sport	7" x 17"	225/45R17 91Y	2.2 (32)	2.0 (30)	2.5 (36)	2.3 (34)
Sport	7" x 17"	225/45R17 94W	2.3 (34)	2.3 (34)	2.6 (38)	2.5 (36)
Sport	7.5" x 18"	225/40R18	2.3 (34)	2.2 (32)	2.6 (38)	2.4 (35)

**Note:** For previous vehicles with original equipment fitted refer to the vehicle handbook or tire label.

**Notes**

Vehicle	Model Year		Nut Torque Aluminium Wheel		Nut Torque Steel Wheel		<u>Notes</u>
	From	To	Nm	lbf.ft	Nm	lbf.ft	
<b>XJ</b>							
	1998	2000	88 – 102	65 – 75	68 – 82	50 – 60	
	2000	2003	88 – 102	65 – 75	–	–	
	2003	2010	115 – 135	85 – 100	–	–	
	2010	Onwards	115 – 135	85 – 100	–	–	
<b>XK</b>							
	1997	2000	88 – 102	65 – 75	68 – 82	50 – 60	
	2000	2007	88 – 102	65 – 75	–	–	
	2007	Onwards	115 – 135	85 – 100	–	–	
<b>XF</b>							
	2008.25	Onwards	115 – 135	85 – 100	–	–	
<b>S-TYPE</b>							
	1999.25	Onwards	115 – 135	85 – 100	–	–	
<b>X-TYPE</b>							
	2001	Onwards	88 – 118	65 – 87	68 – 92	50 – 68	

Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>XJ: 1998 up to 2003 MY</b>			
3.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
4.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
4.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
<b>XJ: 2003 up to 2010 MY</b>			
2.7 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.5 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
4.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
4.2 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.

**Notes**

Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>XJ: 2010 up to 2011 MY</b>			
3.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
<b>XJ: 2011 up to 2013 MY</b>			
3.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
<b>XJ: 2013 MY onwards</b>			
3.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
GTDi 2.0L	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.

**Notes**

Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>XK: 1997 up to 1998.75 MY</b>			
4.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
<b>XK: 1998.75 up to 2003 MY</b>			
4.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
4.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
<b>XK: 2003 up to 2006.5 MY</b>			
4.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
4.2 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
<b>XK: 2006.5 up to 2010 MY</b>			
4.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
4.2 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
<b>XK: 2010 MY onwards</b>			
5.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1 approx.

**Notes**

Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>XF: 2008.25 up to 2010 MY</b>			
2.7 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
4.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
4.2 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
<b>XF: 2010 up to 2012 MY</b>			
3.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
4.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.

**Notes**

Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>XF: 2012 up to 2013 MY</b>			
2.2 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
<b>XF: 2013 MY onwards</b>			
2.2 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
GTDi 2.0L	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
3.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
5.0 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.

**Notes**

Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>S-TYPE: 1999.25 up to 2001 MY</b>			
3.0 liter	WSA–M2C195–A	JLM 20772	1 approx.
4.0 liter	WSA–M2C195–A	JLM 20772	1 approx.
<b>S-TYPE: 2001 up to 2002.5 MY</b>			
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
4.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx.
<b>S-TYPE: 2002.5 MY onwards</b>			
2.5 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx
2.7 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx
3.0 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx
4.2 liter	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx
4.2 liter SC	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.6 approx

**Notes**



Vehicle / Engine	Fluid Specification	Part Number	Fluid Capacity Liters – US Quarts
<b>X-TYPE: 2001 MY onwards</b>			
2.0 liter Gasoline	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.2 approx.
2.0 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.5 approx.
2.2 liter Diesel	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.5 approx.
2.5 liter Gasoline	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.2 approx.
3.0 liter Gasoline	Mobil ATF meeting Dexron 3 Specification	JLM 21703	1.2 approx.

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XJ: 1998 up to 2003 MY</b>									
3.2 liter Gasoline	3248 cm <sup>3</sup> (198.2 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	Not applicable	Not applicable	174 kW at 6350 RPM	310 Nm at 4350 RPM	10.5 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	70.0 mm (2.756 in)
4.0 liter Gasoline	3996 cm <sup>3</sup> (244 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	280 BHP at 6100 RPM	276 lbf.ft at 4250 RPM	209 kW at 6100 RPM	375 Nm at 4250 RPM	10.75 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	86.0 mm (3.386 in)
4.0 liter SC Gasoline	3996 cm <sup>3</sup> (244 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	358 BHP at 6150 RPM	372 lbf.ft at 3600 RPM	267 kW at 6150 RPM	505 Nm at 3600 RPM	8.9 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	86.0 mm (3.386 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XJ: 2003 up to 2010 MY</b>									
2.7 liter Diesel	2720 cm <sup>3</sup> (166 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	152 kW at 4000 RPM	435 Nm at 1900 RPM	17.3 : 1 ± 0.5 : 1	81.0 mm (3.189 in)	88.0 mm (3.386 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
3.5 liter Gasoline	3555 cm <sup>3</sup> (216 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	Not applicable	Not applicable	190 kW at 6250 RPM	335.2 Nm at 4200 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	76.5 mm (3.011 in)
4.2 liter Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	300 BHP at 6000 RPM	310 lbf.ft at 4100 RPM	218.9 kW at 6000 RPM	410.8 Nm at 4100 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
4.2 liter SC Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	400 BHP at 6100 RPM	413 lbf.ft at 3500 RPM	290.8 kW at 6100 RPM	541.4 Nm at 3500 RPM	9.1 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XJ: 2010 up to 2011 MY</b>									
3.0 liter Diesel	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft at 2500 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XJ: 2011 up to 2013 MY</b>									
3.0 liter Diesel	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft at 2500 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XJ: 2013 MY onwards</b>									
3.0 liter Diesel	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
GTDi 2.0L Gasoline	1999 cm <sup>3</sup> (122 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	240 BHP at 5500 RPM	251 lbf.ft. at 2000 – 4000 RPM	177 kW at 5500 RPM	340 Nm at 2000 – 4000 RPM	10 : 1	87.5 mm (3.444 in)	83.1 mm (3.271 in)
3.0 liter SC Gasoline	2995 cm <sup>3</sup> (183 in <sup>3</sup> )	90° 'V' 6 Cylinder 24 Valves	340 BHP at 6500 RPM	332 lbf.ft. at 3500 – 5000 RPM	250 kW at 6500 RPM	450 Nm at 3500 – 5000 RPM	10.5 : 1	84.5 mm (3.327 in)	89 mm (3.504 in)
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft. at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft. at 2000 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2000 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft. at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XK: 1997 up to 1998.75 MY</b>									
4.0 liter Gasoline	3996 cm <sup>3</sup> (244 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	280 BHP at 6100 RPM	276 lbf.ft at 4250 RPM	209 kW at 6100 RPM	375 Nm at 4250 RPM	10.75 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	86.0 mm (3.386 in)
<b>XK: 1998.75 up to 2003 MY</b>									
4.0 liter Gasoline	3996 cm <sup>3</sup> (244 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	280 BHP at 6100 RPM	276 lbf.ft at 4250 RPM	209 kW at 6100 RPM	375 Nm at 4250 RPM	10.75 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	86.0 mm (3.386 in)
4.0 liter SC Gasoline	3996 cm <sup>3</sup> (244 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	358 BHP at 6150 RPM	372 lbf.ft at 3600 RPM	267 kW at 6150 RPM	505 Nm at 3600 RPM	8.9 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	86.0 mm (3.386 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XK: 2003 up to 2006.5 MY</b>									
4.2 liter Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	300 BHP at 6000 RPM	310 lbf.ft at 4100 RPM	218.9 kW at 6000 RPM	410.8 Nm at 4100 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
4.2 liter SC Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	390 BHP at 6100 RPM	399 lbf.ft at 3500 RPM	290.8 kW at 6100 RPM	541.4 Nm at 3500 RPM	9.1 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
<b>XK: 2006.5 up to 2010 MY</b>									
4.2 liter Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	300 BHP at 6000 RPM	310 lbf.ft at 4100 RPM	218.9 kW at 6000 RPM	410.8 Nm at 4100 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
4.2 liter SC Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	420 BHP at 6250 RPM	413 lbf.ft at 4000 RPM	306 kW at 6250 RPM	560 Nm at 4000 RPM	9.1 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)

**Notes**



Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XK: 2010 up to 2012 MY</b>									
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
<b>XK: 2012 MY onwards</b>									
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	550 BHP at 6000 – 6500 RPM	502 lbf.ft at 2500 – 5500 RPM	405 kW at 6000 – 6500 RPM	680 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2008.25 up to 2010 MY</b>									
2.7 liter Diesel	2720 cm <sup>3</sup> (166 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	152 kW at 4000 RPM	435 Nm at 1900 RPM	17.3 : 1 ± 0.5 : 1	81.0 mm (3.189 in)	88.0 mm (3.386 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
4.2 liter Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	300 BHP at 6000 RPM	310 lbf.ft at 4100 RPM	218.9 kW at 6000 RPM	410.8 Nm at 4100 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
4.2 liter SC Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	420 BHP at 6250 RPM	413 lbf.ft at 4000 RPM	306 kW at 6250 RPM	560 Nm at 4000 RPM	9.1 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)

Notes

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2010 up to 2011 MY</b>									
3.0 liter Diesel (1)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	155 kW at 4000 RPM	450 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Diesel (2)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	177 kW at 4000 RPM	500 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Diesel (3)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)

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**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2010 up to 2011 MY</b>									
Continued from previous page.									
4.2 liter Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	300 BHP at 6000 RPM	310 lbf.ft at 4100 RPM	218.9 kW at 6000 RPM	410.8 Nm at 4100 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft at 2500 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2011 up to 2012 MY</b>									
3.0 liter Diesel (1)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	155 kW at 4000 RPM	450 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Diesel (2)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	177 kW at 4000 RPM	500 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Diesel (3)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft at 2500 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2012 up to 2013 MY</b>									
TD4 2.2L Diesel (1)	2179 cm <sup>3</sup> (133 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	Not applicable	Not applicable	120 kW at 3500 RPM	400 Nm at 2000 RPM	15.8 : 1	85.0 mm (3.346 in)	96.0 mm (3.780 in)
TD4 2.2L Diesel (2)	2179 cm <sup>3</sup> (133 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	Not applicable	Not applicable	140 kW at 3500 RPM	450 Nm at 2000 RPM	15.8 : 1	85.0 mm (3.346 in)	96.0 mm (3.780 in)
3.0 liter Diesel (1)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	177 kW at 4000 RPM	500 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Diesel (2)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)

Continued on next page

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2012 up to 2013 MY</b>									
Continued from previous page.									
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
5.0 liter Gasoline	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	385 BHP at 6500 RPM	380 lbf.ft at 3500 RPM	283 kW at 6500 RPM	515 Nm at 3500 RPM	11.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft at 2500 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2013 MY onwards</b>									
TD4 2.2L Diesel (1)	2179 cm <sup>3</sup> (133 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	Not applicable	Not applicable	120 kW at 3500 RPM	400 Nm at 2000 RPM	15.8 : 1	85.0 mm (3.346 in)	96.0 mm (3.780 in)
TD4 2.2L Diesel (2)	2179 cm <sup>3</sup> (133 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	Not applicable	Not applicable	147 kW at 3500 RPM	450 Nm at 2000 RPM	15.8 : 1	85.0 mm (3.346 in)	96.0 mm (3.780 in)
3.0 liter Diesel (1)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	177 kW at 4000 RPM	500 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)
3.0 liter Diesel (2)	2993 cm <sup>3</sup> (183 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	202 kW at 4000 RPM	600 Nm at 2000 RPM	16 : 1 ± 0.5 : 1	84 mm (3.307 in)	90 mm (3.543 in)

Continued on next page

**Notes**



Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>XF: 2013 MY onwards</b>									
Continued from previous page.									
GTDi 2.0L Gasoline	1999 cm <sup>3</sup> (122 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	240 BHP at 5500 RPM	251 lbf.ft. at 2000 – 4000 RPM	177 kW at 5500 RPM	340 Nm at 2000 – 4000 RPM	10 : 1	87.5 mm (3.444 in)	83.1 mm (3.271 in)
3.0 liter SC Gasoline	2995 cm <sup>3</sup> (183 in <sup>3</sup> )	90° 'V' 6 Cylinder 24 Valves	340 BHP at 6500 RPM	332 lbf.ft. at 3500 – 5000 RPM	250 kW at 6500 RPM	450 Nm at 3500 – 5000 RPM	10.5 : 1	84.5 mm (3.327 in)	89 mm (3.504 in)
5.0 liter SC Gasoline (1)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	470 BHP at 6000 – 6500 RPM	424 lbf.ft. at 2000 – 5500 RPM	346 kW at 6000 – 6500 RPM	575 Nm at 2000 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)
5.0 liter SC Gasoline (2)	5000 cm <sup>3</sup> (305 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	510 BHP at 6000 – 6500 RPM	461 lbf.ft. at 2500 – 5500 RPM	375 kW at 6000 – 6500 RPM	625 Nm at 2500 – 5500 RPM	9.5 : 1 ± 0.5 : 1	92.5 mm (3.642 in)	93.0 mm (3.661 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>									
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4500 RPM	175 kW at 6800 RPM	293 Nm at 4500 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
4.0 liter Gasoline	3996 cm <sup>3</sup> (244 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	272 BHP at 6100 RPM	279 lbf.ft at 4300 RPM	203 kW at 6100 RPM	378 Nm at 4300 RPM	10.75 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	86.0 mm (3.386 in)

**Notes**

Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>S-TYPE: 2002.5 MY onwards</b>									
2.5 liter Gasoline	2497 cm <sup>3</sup> (152 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	197 BHP at 6800 RPM	181 lbf.ft at 4000 RPM	147 kW at 6800 RPM	245 Nm at 4000 RPM	10.3 : 1 ± 0.35 : 1	81.65 mm (3.214 in)	79.5 mm (3.129 in)
2.7 liter Diesel	2720 cm <sup>3</sup> (166 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	Not applicable	Not applicable	152 kW at 4000 RPM	435 Nm at 1900 RPM	17.3 : 1 ± 0.5 : 1	81.0 mm (3.189 in)	88.0 mm (3.386 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	235 BHP at 6800 RPM	216 lbf.ft at 4100 RPM	175 kW at 6800 RPM	293 Nm at 4100 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)
4.2 liter Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	300 BHP at 6000 RPM	310 lbf.ft at 4100 RPM	218.9 kW at 6000 RPM	410.8 Nm at 4100 RPM	11.0 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)
4.2 liter SC Gasoline	4196 cm <sup>3</sup> (256 in <sup>3</sup> )	90° 'V' 8 Cylinder 32 Valves	400 BHP at 6100 RPM	413 lbf.ft at 3500 RPM	290.8 kW at 6100 RPM	541.4 Nm at 3500 RPM	9.1 : 1 ± 0.5 : 1	86.0 mm (3.386 in)	90.3 mm (3.555 in)

**Notes**

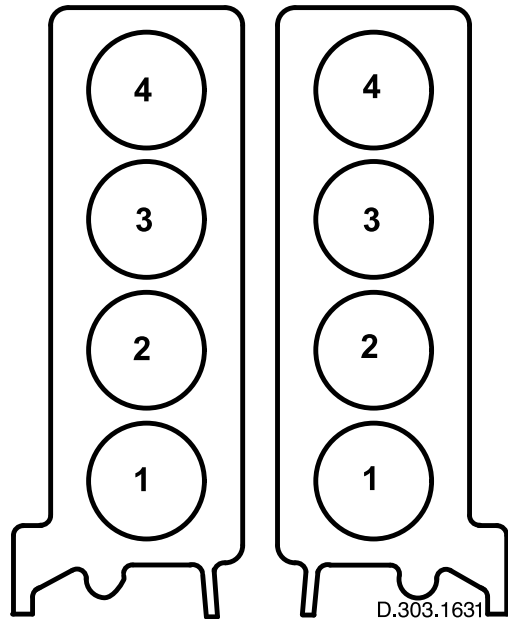
Model/Engine	Engine Capacity	Engine Description	Max. Engine Power (SAE)	Max. Engine Torque (SAE)	Max. Engine Power (EEC)	Max. Engine Torque (EEC)	Comp. Ratio	Bore	Stroke
<b>X-TYPE: 2001 MY onwards</b>									
2.0 liter Gasoline	2099 cm <sup>3</sup> (128 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	154 BHP at 6800 RPM	145 lbf.ft at 4100 RPM	114.6 kW at 6800 RPM	196 Nm at 4100 RPM	10.75 : 1 ± 0.5 : 1	81.65 mm (3.214 in)	66.84 mm (2.631 in)
2.0 liter Diesel	1998 cm <sup>3</sup> (122 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	Not applicable	Not applicable	96 kW at 3800 RPM	330 Nm at 1800 RPM	18.2 : 1 ± 0.5 : 1	86 mm (3.385 in)	86 mm (3.385 in)
TDCi 2.2 liter Diesel	2198 cm <sup>3</sup> (134 in <sup>3</sup> )	In-line 4 Cylinder 16 Valves	Not applicable	Not applicable	114 kW at 3500 RPM	360 Nm at 1800 RPM	17.5 : 1 ± 0.5 : 1	86 mm (3.385 in)	94.6 mm (3.724 in)
2.5 liter Gasoline	2497 cm <sup>3</sup> (152 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	192 BHP at 6800 RPM	178 lbf.ft at 3000 RPM	143.5 kW at 6800 RPM	241 Nm at 3000 RPM	10.30 : 1 ± 0.35 : 1	81.65 mm (3.214 in)	79.5 mm (3.130 in)
3.0 liter Gasoline	2967 cm <sup>3</sup> (181 in <sup>3</sup> )	60° 'V' 6 Cylinder 24 Valves	227 BHP at 6800 RPM	206 lbf.ft at 3000 RPM	169.4 kW at 6800 RPM	279.3 Nm at 3000 RPM	10.5 : 1 ± 0.5 : 1	89.0 mm (3.504 in)	79.5 mm (3.130 in)

**Notes**

## V8 Gasoline – Cylinder Numbering and Firing Order

Notes

up to 2002.5 MY



Bank 1

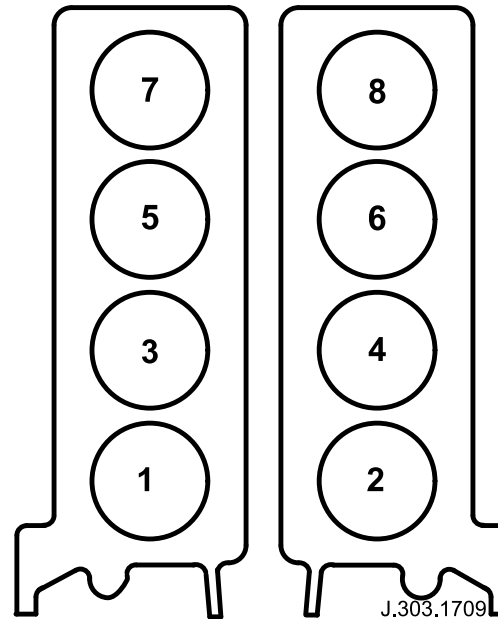
Bank 2

Front of Engine

Firing Order: (Bank) – Cylinder

(1)-1 : (2)-1 : (1)-4 : (1)-2 : (2)-2 : (1)-3 : (2)-3 : (2)-4

2002.5 MY onwards



Bank 1

Bank 2

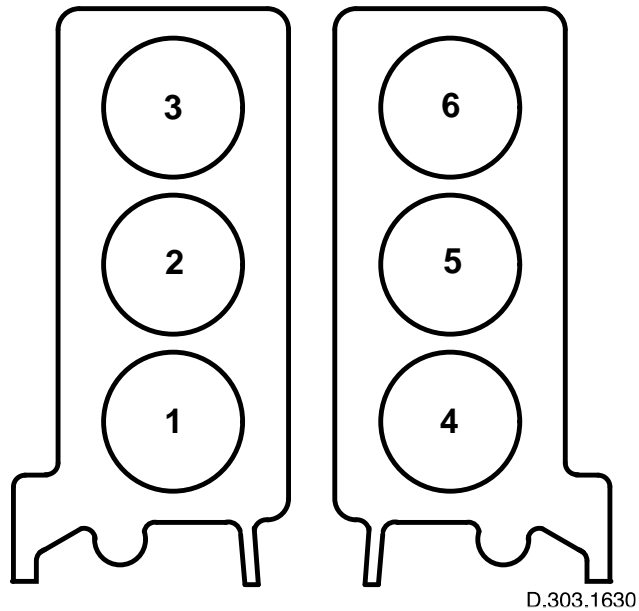
Front of Engine

Firing Order: 1 : 2 : 7 : 3 : 4 : 5 : 6 : 8

## V6 Gasoline – Cylinder Numbering and Firing Order

Notes

S-TYPE up to 2002.5 MY



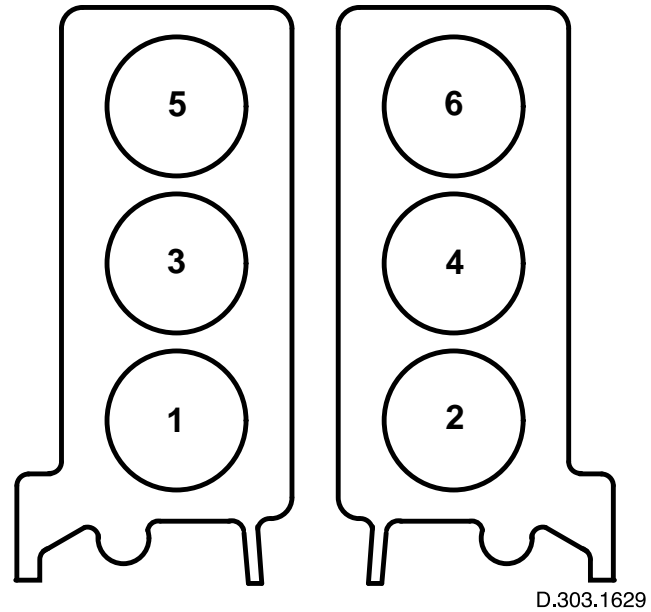
Bank 1

Bank 2

Front of Engine

Firing Order: 1 : 4 : 2 : 5 : 3 : 6

All vehicles regardless of model year and S-TYPE 2002.5 MY onwards



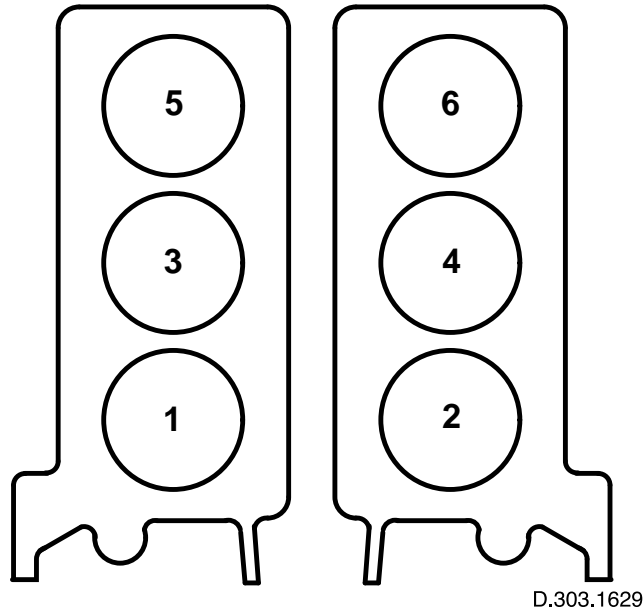
Bank 1

Bank 2

Front of Engine

Firing Order: 1 : 2 : 3 : 4 : 5 : 6

**V6 Gasoline 3.0L SC –  
Cylinder Numbering and Firing Order**

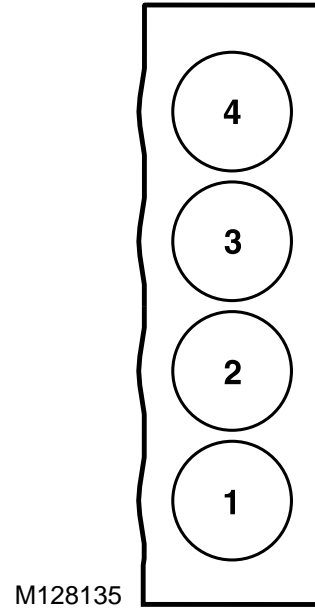


Bank 1                  Bank 2

Front of Engine

Firing Order: 1 : 2 : 3 : 4 : 5 : 6

**GTDi 2.0L Gasoline –  
Cylinder Numbering and Firing Order**



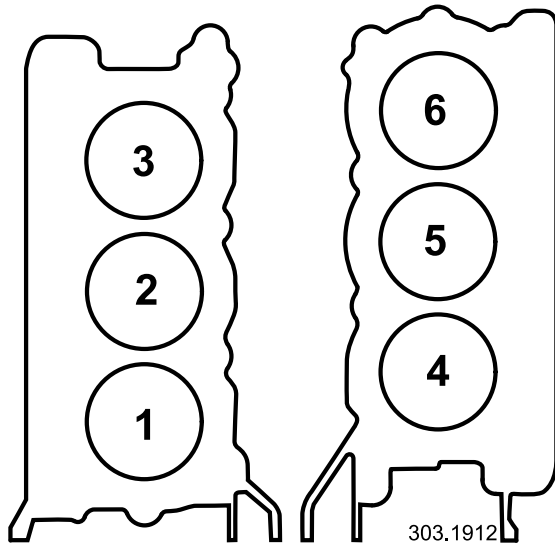
M128135

Front of Engine

Firing Order: 1 : 3 : 4 : 2

Notes

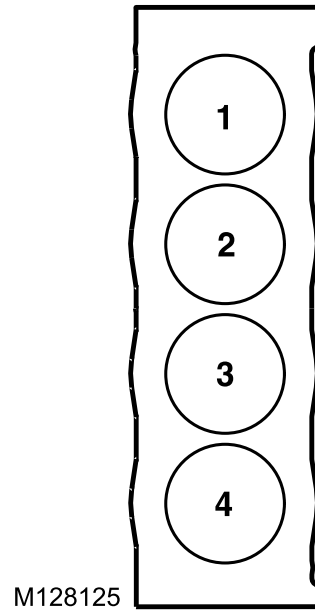
**V6 Diesel –  
Cylinder Numbering and Firing Order**



Bank 1                      Bank 2  
Front of Engine  
Firing Order: 1 : 4 : 2 : 5 : 3 : 6

**In-line 4 Cylinder Diesel –  
Cylinder Numbering and Firing Order**

XF



Front of Engine  
Firing Order: 1 : 3 : 4 : 2

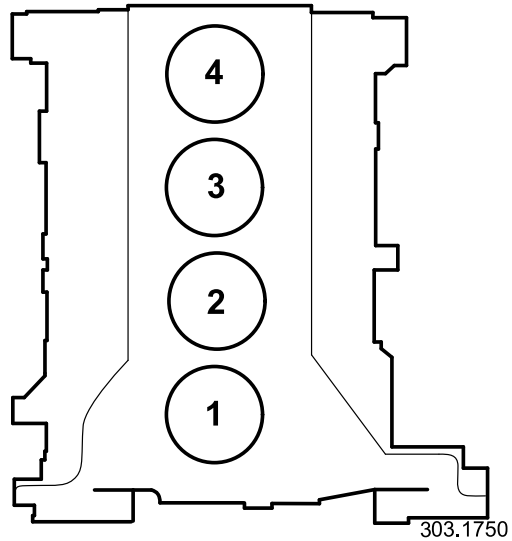
Notes



In-line 4 Cylinder Diesel –  
Cylinder Numbering and Firing Order

Notes

X-TYPE



Front of Engine

Firing Order: 1 : 3 : 4 : 2

Engine	Valve Clearances (cold)		<u>Notes</u>
	Intake	Exhaust	
V8 Gasoline SC and N/A (not including 5.0L variant see below)	0.18 – 0.22 mm	0.23 – 0.27 mm	
V8 Gasoline 5.0L N/A	No adjustment necessary	0.23 – 0.27 mm	
V8 Gasoline 5.0L SC	0.18 – 0.22 mm	0.23 – 0.27 mm	
V6 3.0L Gasoline SC	0.18 – 0.22. mm	0.23 – 0.27 mm	
V6 Gasoline N/A	0.175 – 0.225 mm	0.325 – 0.375 mm	
GTDi 2.0L Gasoline	0.19 – 0.31. mm	0.30 – 0.42 mm	
V6 Diesel	No adjustment necessary		
In-line 4 Cylinder Diesel (XF)	No adjustment necessary		
In-line 4 Cylinder Diesel (X-TYPE)	No adjustment necessary		

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 1998 up to 2000 MY</b>				
3.2 liter Gasoline	ROW	API SJ and ACEA A2	–	6.0 (6.4)
4.0 liter Gasoline	NAS	API SJ and ILSAC GF-2 or API SL and ILSAC GF-3	–	6.0 (6.4)
	ROW	API SJ and ACEA A2		
4.0 liter SC Gasoline	NAS	API SJ and ILSAC GF-2 or API SL and ILSAC GF-3	6.0 (6.4)	–
	ROW	API SJ and ACEA A3		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)		VIN		
			oil cooler	non oil cooler	From	To	
<b>XJ: 2000 MY</b>							
3.2 liter Gasoline	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS–M2C913–B preferred	–	6.0 (6.4)	F00103	F00463	
				7.0 (7.4)	F00464	F20644	
4.0 liter Gasoline	NAS	API SJ / EC and ILSAC GF–2 or API SL and ILSAC GF–3	–	6.0 (6.4)	F00103	F00463	
				7.0 (7.4)	F00464	F20644	
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS–M2C913–B preferred	–	6.0 (6.4)	F00103	F00463	
				7.0 (7.4)	F00464	F20644	
4.0 liter SC Gasoline	NAS	API SJ / EC and ILSAC GF–2 or API SL and ILSAC GF–3	6.0 (6.4)	–	F00103	F00463	
			7.0 (7.4)	–	F00464	F20644	
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS–M2C913–B preferred	–	6.0 (6.4)	–	F00103	F00463
				7.0 (7.4)	–	F00464	F20644

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 2001 MY</b>				
3.2 liter Gasoline	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	–	7.0 (7.4)
4.0 liter Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	–	7.0 (7.4)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.0 liter SC Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	7.0 (7.4)	–
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 2002 up to 2003 MY</b>				
3.2 liter Gasoline	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	–	7.0 (7.4)
4.0 liter Gasoline	NAS	API SL and ILSAC GF-3	–	7.0 (7.4)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.0 liter SC Gasoline	NAS	API SL and ILSAC GF-3	7.0 (7.4)	–
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 2003 up to 2010 MY</b>				
2.7 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
2.7 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Gasoline	NAS	API SL and ILSAC GF-3	6.5 (6.9)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
3.5 liter Gasoline	NAS	API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.2 liter Gasoline	NAS	API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.2 liter SC Gasoline	NAS	API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 2010 up to 2011 MY</b>				
3.0 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
3.0 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
5.0 liter Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

**Notes**

Jaguar recommends 



Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 2011 up to 2013 MY</b>				
3.0 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
3.0 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Gasoline	ROW	Jaguar WSS-M2C913-B or C preferred, alternatively ACEA A1/B1 or A3/B3 or A3/B3/B4	6.5 (6.9)	-
5.0 liter Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XJ: 2013 MY onwards</b>				
3.0 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
3.0 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
GTDi 2.0L Gasoline	-	5W-30 meeting Jaguar WSS-M2C913-B or C	5.4 (5.7)	-
3.0 liter SC Gasoline	-	Jaguar WSS-M2C925-A	7.25 (7.6)	-
5.0 liter Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XK: 1997 MY</b>				
4.0 liter Gasoline	NAS	API SJ and ILSAC GF-2 or API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ and ACEA A2		
<b>XK: 1998 MY</b>				
4.0 liter Gasoline	NAS	API SJ and ILSAC GF-2 or API SL and ILSAC GF-3	-	6.0 (6.4)
	ROW	API SJ and ACEA A2		
<b>XK: 1998.75 MY</b>				
4.0 liter Gasoline	NAS	API SJ and ILSAC GF-2 or API SL and ILSAC GF-3	-	6.0 (6.4)
	ROW	API SJ and ACEA A2		
4.0 liter SC Gasoline	ROW	API SJ and ACEA A3	6.0 (6.4)	-

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XK: 1999 MY</b>				
4.0 liter Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	-	6.0 (6.4)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.0 liter SC Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)		VIN	
			oil cooler	non oil cooler	From	To
<b>XK: 2000 MY</b>					<b>From</b>	<b>To</b>
4.0 liter Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	-	6.0 (6.4)	A00016	A00366
				7.0 (7.4)	A00367	A11050
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	-	6.0 (6.4)	A00016	A00366
				7.0 (7.4)	A00367	A11050
4.0 liter SC Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	6.0 (6.4)	-	A00016	A00366
			7.0 (7.4)	-	A00367	A11050
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	6.0 (6.4)	-	A00016	A00366
			7.0 (7.4)	-	A00367	A11050

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XK: 2001 MY</b>				
4.0 liter Gasoline	NAS	API SL and ILSAC GF-3	-	7.0 (7.4)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.0 liter SC Gasoline	NAS	API SL and ILSAC GF-3	7.0 (7.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
<b>XK: 2002 MY</b>				
4.0 liter Gasoline	NAS	API SL and ILSAC GF-3	7.0 (7.4)	7.0 (7.4)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.0 liter SC Gasoline	NAS	API SL and ILSAC GF-3	7.0 (7.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XK: 2003 up to 2006.5 MY</b>				
4.2 liter Gasoline	NAS	API SL and ILSAC GF-3	7.0 (7.4)	7.0 (7.4)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.2 liter SC Gasoline	NAS	API SL and ILSAC GF-3	7.0 (7.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
<b>XK: 2006.5 up to 2010 MY</b>				
4.2 liter Gasoline	NAS	API SM and ILSAC GF-4	7.0 (7.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.2 liter SC Gasoline	NAS	API SM and ILSAC GF-4	7.0 (7.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XK: 2010 MY onwards</b>				
5.0 liter Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

**Notes**

Jaguar recommends 



Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XF: 2008.25 up to 2010 MY</b>				
2.7 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
2.7 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Gasoline	NAS	API SM and ILSAC GF-4	6.5 (6.9)	6.5 (6.9)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	6.5 (6.9)	-
4.2 liter Gasoline	NAS	API SM and ILSAC GF-4	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.2 liter SC Gasoline	NAS	API SM and ILSAC GF-4	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XF: 2010 up to 2012 MY</b>				
3.0 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
3.0 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Gasoline	ROW	Jaguar WSS-M2C913-B or C preferred, alternatively ACEA A1/B1 or A3/B3 or A3/B3/B4	6.5 (6.9)	-
4.2 liter Gasoline	NAS	API SM and ILSAC GF-4	6.0 (6.4)	-
5.0 liter Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XF: 2012 up to 2013 MY</b>				
2.2 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	5.86 (6.2)	-
2.2 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
3.0 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Gasoline	ROW	Jaguar WSS-M2C913-B or C preferred, alternatively ACEA A1/B1 or A3/B3 or A3/B3/B4	6.5 (6.9)	-
5.0 liter Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A *API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)	7.25 (7.6)	-
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>XF: 2013 MY onwards</b>				
2.2 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	5.86 (6.2)	-
2.2 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
3.0 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
GTDi 2.0L Gasoline	-	5W-30 meeting Jaguar WSS-M2C913-B or C	5.4 (5.7)	-
3.0 liter SC Gasoline	-	Jaguar WSS-M2C925-A	7.25 (7.6)	-
5.0 liter SC Gasoline	NAS	Jaguar WSS-M2C925-A	7.25 (7.6)	-
		*API SM and ILSAC GF-4 (top-up only) or *API SN and ILSAC GF-5 (top-up only)		
	ROW	Jaguar WSS-M2C925-A		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Note:** \* Maximum top-up of one liter only.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>S-TYPE: 1999.25 MY</b>				
3.0 liter Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	5.7 (6.0)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.0 liter Gasoline	NAS	API SJ / EC and ILSAC GF-2 or API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)		VIN	
			oil cooler	non oil cooler	From	To
<b>S-TYPE: 2000 up to 2002.5 MY</b>						
3.0 liter Gasoline	NAS	API SL and ILSAC GF-3	5.7 (6.0)	–	L31321	L37177
			6.5 (6.9)	–	L37178*	M45254
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	5.7 (6.0)	–	L31321	L37177
			6.5 (6.9)	–	L37178*	M45254
4.0 liter Gasoline	NAS	API SL and ILSAC GF-3	6.0 (6.4)	–	L31321	M45254
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred				

**Note:** To signify the oil capacity change to S-TYPE V6 engines during 2000 MY, a new style oil-level gauge was introduced. The new style gauge can be recognized by a loop handle opposed to the old T-bar design. The oil fill mark on the oil-level gauge was also altered by 14 mm. The change was implemented at approximate VIN\*.

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>S-TYPE: 2002.5 MY onwards</b>				
2.5 liter Gasoline	NAS	API SL and ILSAC GF-3	6.5 (6.9)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
2.7 liter Diesel (with DPF)	EUR	5W-30 meeting Jaguar WSS-M2C934-B	6.6 (7.0)	-
2.7 liter Diesel (non DPF)	ROW	5W-30 meeting Jaguar WSS-M2C913-B or C		
3.0 liter Gasoline	NAS	API SL and ILSAC GF-3	6.5 (6.9)	6.5 (6.9)
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred	6.5 (6.9)	-
4.2 liter Gasoline	NAS	API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
4.2 liter SC Gasoline	NAS	API SL and ILSAC GF-3	6.0 (6.4)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 

Model/Engine	Market	Oil Specification	Engine Oil Capacity service oil fill and filter change Liters (US Quarts)	
			oil cooler	non oil cooler
<b>X-TYPE: 2001 MY onwards</b>				
2.0 liter Gasoline	NAS	API SL and ILSAC GF-3	5.8 (6.1)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
2.0 liter Diesel	EUR	5W-30 meeting Jaguar WSS-M2C913-B	6.0 (6.4)	-
2.2 liter Diesel	EUR	5W-30 meeting Jaguar WSS-M2C913-B	6.0 (6.4)	-
2.5 liter Gasoline	NAS	API SL and ILSAC GF-3	5.8 (6.1)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		
3.0 liter Gasoline	NAS	API SL and ILSAC GF-3	5.8 (6.1)	-
	ROW	API SJ / EC and ACEA A1 or A3 Jaguar WSS-M2C913-B preferred		

**Note:** The use of supplementary oil or fuel additives is not approved unless specified by Jaguar Cars in the form of a service communication or directive.

**Notes**

Jaguar recommends 



Model/Engine	VIN		Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)
<b>XJ: 1998 MY</b>					
3.2 liter			DOW D542	JLM 20404/*	10.0 (10.6) approx.
4.0 liter			DOW D542	JLM 20404/*	10.0 (10.6) approx.
4.0 liter SC			DOW D542	JLM 20404/*	12.0 (12.7) approx.
<b>XJ: 1999 MY</b>					
	<b>From</b>	<b>To</b>			
3.2 liter	853936	878273	DOW D542	JLM 20404/*	10.0 (10.6) approx.
	878274	878717	WSS M97B44–D	JLM 20972/*	
4.0 liter	853936	878273	DOW D542	JLM 20404/*	10.0 (10.6) approx.
	878274	878717	WSS M97B44–D	JLM 20972/*	
4.0 liter	853936	878273	DOW D542	JLM 20404/*	12.0 (12.7) approx.
	878274	878717	WSS M97B44–D	JLM 20972/*	
<b>XJ: 2000 up to 2003 MY</b>					
3.2 liter			WSS M97B44–D	JLM 20972/*	10.0 (10.6) approx.
4.0 liter			WSS M97B44–D	JLM 20972/*	10.0 (10.6) approx.
4.0 liter SC			WSS M97B44–D	JLM 20972/*	12.0 (12.7) approx.

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	<u>Notes</u>
<b>XJ: 2003 up to 2010 MY</b>				
2.7 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	13.0 (13.73) approx.	
3.0 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	10.25 (10.83) approx.	
3.0 liter – 4 Zone	WSS M97B44–D	JLM 20972/*	11.05 (11.67) approx.	
3.5 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	9.45 (9.98) approx.	
3.5 liter – 4 Zone	WSS M97B44–D	JLM 20972/*	10.25 (10.83) approx.	
4.2 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	9.45 (9.98) approx.	
4.2 liter – 4 Zone	WSS M97B44–D	JLM 20972/*	10.25 (10.83) approx.	
4.2 liter SC – 2 Zone	WSS M97B44–D	JLM 20972/*	12.35 (13.05) approx.	
4.2 liter SC – 4 Zone	WSS M97B44–D	JLM 20972/*	13.15 (13.89) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	Notes
<b>XJ: 2010 up to 2011 MY</b>				
3.0 liter Diesel	WSS M97B44-D	JLM 20972/*	12.3 (13.0) approx.	
5.0 liter	WSS M97B44-D	JLM 20972/*	10.5 (11.0) approx.	
5.0 liter SC	WSS M97B44-D	JLM 20972/*	13.2 (14.0) approx.	
<b>XJ: 2011 up to 2013 MY</b>				
3.0 liter Diesel	WSS M97B44-D	JLM 20972/*	12.3 (13.0) approx.	
3.0 liter	WSS M97B44-D	JLM 20972/*	8.7 (9.2) approx.	
5.0 liter	WSS M97B44-D	JLM 20972/*	10.5 (11.0) approx.	
5.0 liter SC	WSS M97B44-D	JLM 20972/*	13.2 (14.0) approx.	
<b>XJ: 2013 MY onwards</b>				
3.0 liter Diesel	WSS M97B44-D	JLM 20972/*	12.3 (13.0) approx.	
GTDi 2.0L	WSS M97B44-D	JLM 20972/*	8.1 (8.6) approx.	
3.0 liter SC	WSS M97B44-D	JLM 20972/*	13.5 (14.3) approx.	
5.0 liter	WSS M97B44-D	JLM 20972/*	10.5 (11.0) approx.	
5.0 liter SC	WSS M97B44-D	JLM 20972/*	13.2 (14.0) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	VIN	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)
<b>XK: 1997 up to 1998.75 MY</b>				
4.0 liter		DOW D542	JLM 20404/*	9.5 (10.0) approx.
<b>XK: 1998.75 up to 2000 MY</b>				
4.0 liter	<b>From</b>	<b>To</b>		9.5 (10.0) approx.
	024687	042634	DOW D542	
4.0 liter SC	042635	042775	WSS M97B44–D	JLM 20972/*
	024687	042634	DOW D542	JLM 20404/*
4.0 liter SC	042635	042775	WSS M97B44–D	JLM 20972/*
<b>XK: 2000 up to 2003 MY</b>				
4.0 liter		WSS M97B44–D	JLM 20972/*	9.5 (10.0) approx.
4.0 liter SC		WSS M97B44–D	JLM 20972/*	11.5 (12.1) approx.
<b>XK: 2003 up to 2006.5 MY</b>				
4.2 liter		WSS M97B44–D	JLM 20972/*	9.5 (10.0) approx.
4.2 liter SC		WSS M97B44–D	JLM 20972/*	11.5 (12.1) approx.

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	Notes
<b>XK: 2006.5 up to 2010 MY</b>				
4.2 liter	WSS M97B44-D	JLM 20972/*	9.5 (10.0) approx.	
4.2 liter SC	WSS M97B44-D	JLM 20972/*	12.35 (13.0) approx.	
<b>XK: 2010 M up to 2012 MY</b>				
5.0 liter	WSS M97B44-D	JLM 20972/*	9.5 (10.0) approx.	
5.0 liter SC	WSS M97B44-D	JLM 20972/*	13.8 (14.6) approx.	
<b>XK: 2012 MY onwards</b>				
5.0 liter	WSS M97B44-D	JLM 20972/*	9.5 (10.0) approx.	
5.0 liter SC	WSS M97B44-D	JLM 20972/*	13.8 (14.6) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	<u>Notes</u>
<b>XF: 2008.25 up to 2010 MY</b>				
2.7 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	12.4 (13.1) approx.	
3.0 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	9.25 (9.8) approx.	
4.2 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	10.1 (10.7) approx.	
4.2 liter SC – 2 Zone	WSS M97B44–D	JLM 20972/*	12.5 (13.2) approx.	
<b>XF: 2010 up to 2012 MY</b>				
3.0 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	12.03 (12.71) approx. (single matrix)	
			12.53 (13.24) approx. (double matrix)	
3.0 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	9.25 (9.8) approx.	
4.2 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	10.1 (10.7) approx.	
5.0 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	12.5 (13.2) approx.	
5.0 liter SC – 2 Zone	WSS M97B44–D	JLM 20972/*	12.32 (13.0) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	Notes
<b>XF: 2012 up to 2013 MY</b>				
2.2 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	11.56 (12.21) approx.	
3.0 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	12.03 (12.71) approx.	
3.0 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	9.25 (9.8) approx.	
5.0 liter – 2 Zone	WSS M97B44–D	JLM 20972/*	12.5 (13.2) approx.	
5.0 liter SC – 2 Zone	WSS M97B44–D	JLM 20972/*	12.32 (13.0) approx.	
<b>XF: 2013 MY onwards</b>				
2.2 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	11.56 (12.21) approx.	
3.0 liter Diesel – 2 Zone	WSS M97B44–D	JLM 20972/*	12.03 (12.71) approx.	
GTDi 2.0L – 2 Zone	WSS M97B44–D	JLM 20972/*	8.1 (8.6) approx.	
3.0 liter SC – 2 Zone	WSS M97B44–D	JLM 20972/*	14.4 (15.2) approx.	
5.0 liter SC – 2 Zone	WSS M97B44–D	JLM 20972/*	12.32 (13.0) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	<u>Notes</u>
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>				
3.0 liter	WSS M97B44-D	JLM 20972/*	10.4 (11.0) approx.	
4.0 liter	WSS M97B44-D	JLM 20972/*	10.0 (10.6) approx.	
<b>S-TYPE: 2002.5 MY onwards</b>				
2.5 liter	WSS M97B44-D	JLM 20972/*	9.4 (9.9) approx.	
2.7 liter Diesel	WSS M97B44-D	JLM 20972/*	13.5 (14.2) approx.	
3.0 liter	WSS M97B44-D	JLM 20972/*	9.4 (9.9) approx.	
4.2 liter	WSS M97B44-D	JLM 20972/*	10.1 (10.7) approx.	
4.2 liter SC	WSS M97B44-D	JLM 20972/*	13.3 (14.0) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

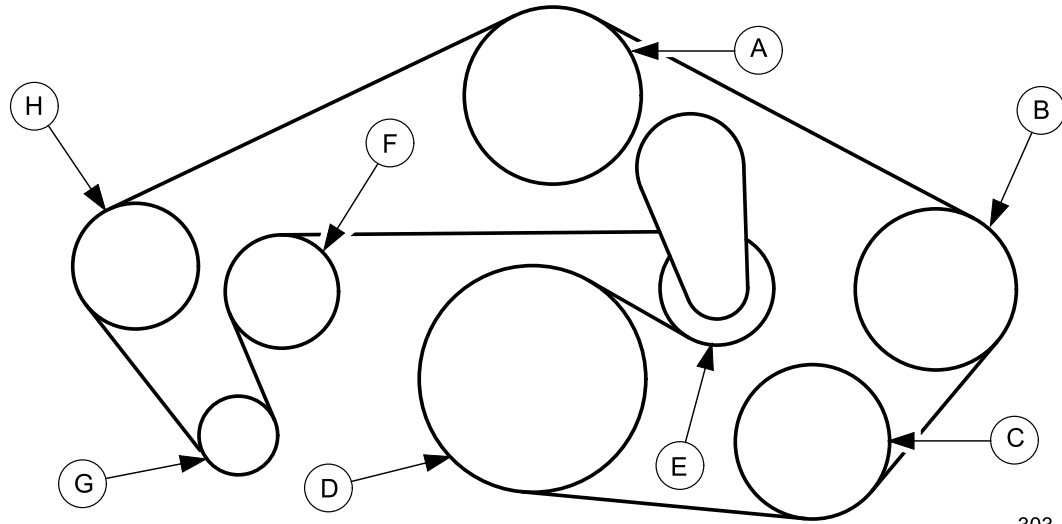


Model/Engine	Coolant Specification	Part Number	Total Coolant Capacities 50% water + 50% coolant Liters (US Quarts)	<u>Notes</u>
<b>X-TYPE: 2001 MY onwards</b>				
2.0 liter Gasoline	WSS M97B44–D	JLM 20972/*	10.0 (10.6) approx.	
2.0 liter Diesel	WSS M97B44–D	JLM 20972/*	10.1 (10.7) approx.	
2.2 liter Diesel	WSS M97B44–D	JLM 20972/*	10.1 (10.7) approx.	
2.5 liter	WSS M97B44–D	JLM 20972/*	10.0 (10.6) approx.	
3.0 liter	WSS M97B44–D	JLM 20972/*	10.0 (10.6) approx.	

**Note:** \* denotes container quantity when substituted with a number.

**Note:** Coolant JLM 20972 is of the Organic Acid Technology (OAT) type and must not be mixed with other types of coolant.

Gasoline V8 5.0L NA - SC and V6 3.0L SC

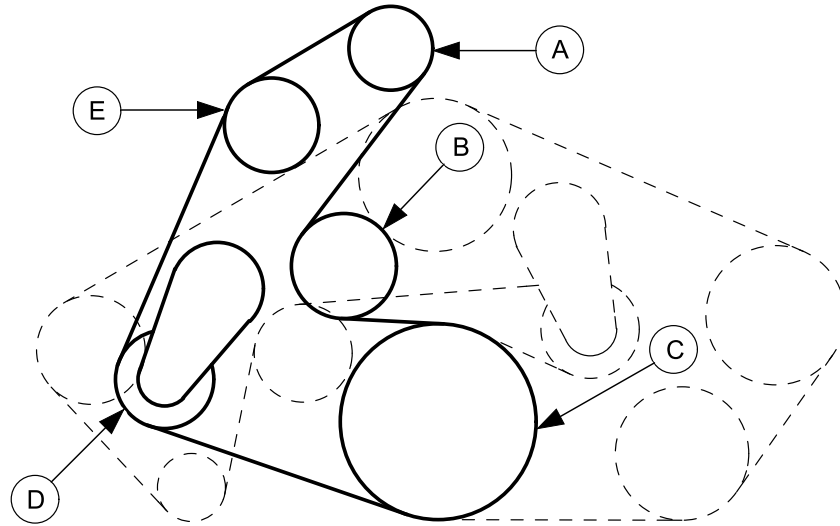


- Primary Drive Belt*
- A. Coolant pump
  - B. Power steering pump
  - C. Air conditioning compressor
  - D. Crankshaft
  - E. Tensioner
  - F. Idler
  - G. Generator
  - H. Idler

303\_1971

**Notes**

## Gasoline V8 5.0L SC and V6 3.0L SC



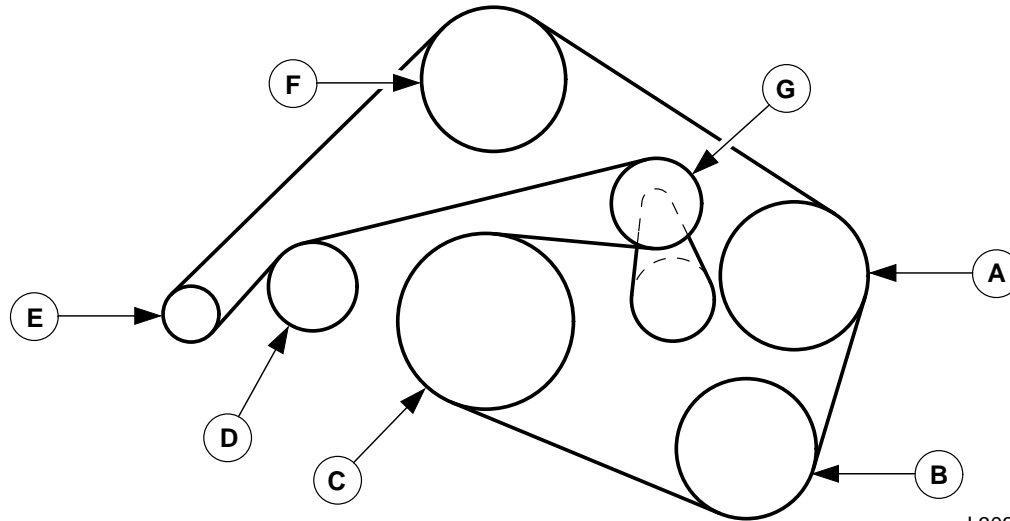
### *Secondary Drive Belt*

- A. Supercharger
- B. Idler
- C. Crankshaft
- D. Tensioner
- E. Idler

303\_1972

### Notes

V8 Gasoline 3.2L/3.5L/4.0L/4.2L: (except S-TYPE 4.0L see next page)



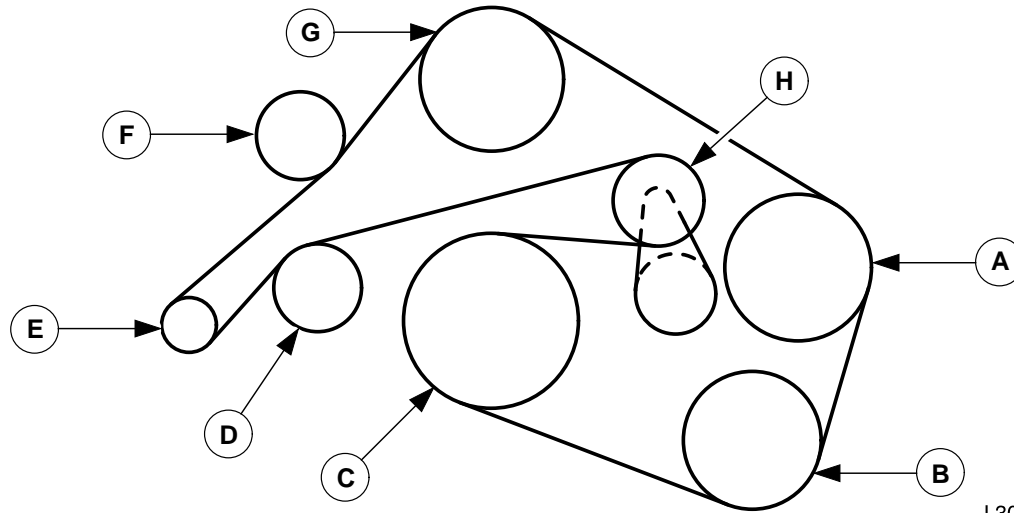
J.303.1565

*Primary Drive Belt*

- A. Power steering pump
- B. Air conditioning compressor
- C. Crankshaft
- D. Idler
- E. Generator
- F. Coolant pump
- G. Tensioner

**Notes**

V8 Gasoline: (S-TYPE 4.0L only)

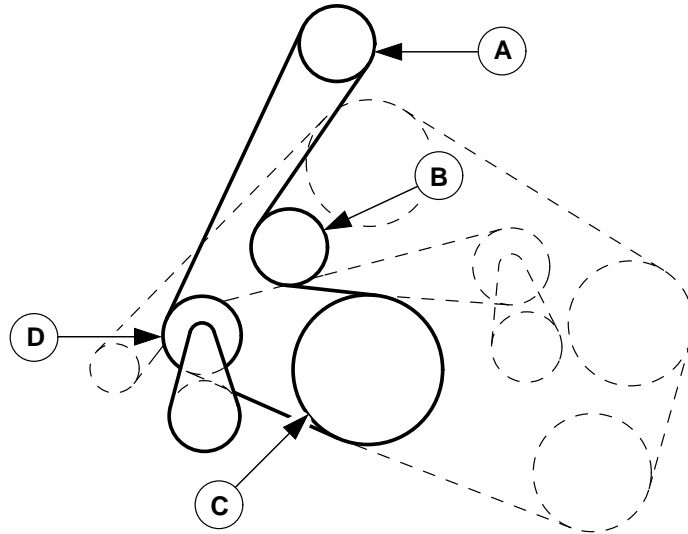


J.303.1567

- A. Power steering pump
- B. Air conditioning compressor
- C. Crankshaft
- D. Idler
- E. Generator
- F. Idler
- G. Coolant pump
- H. Tensioner

### Notes

V8 Gasoline 4.0L/4.2L SC



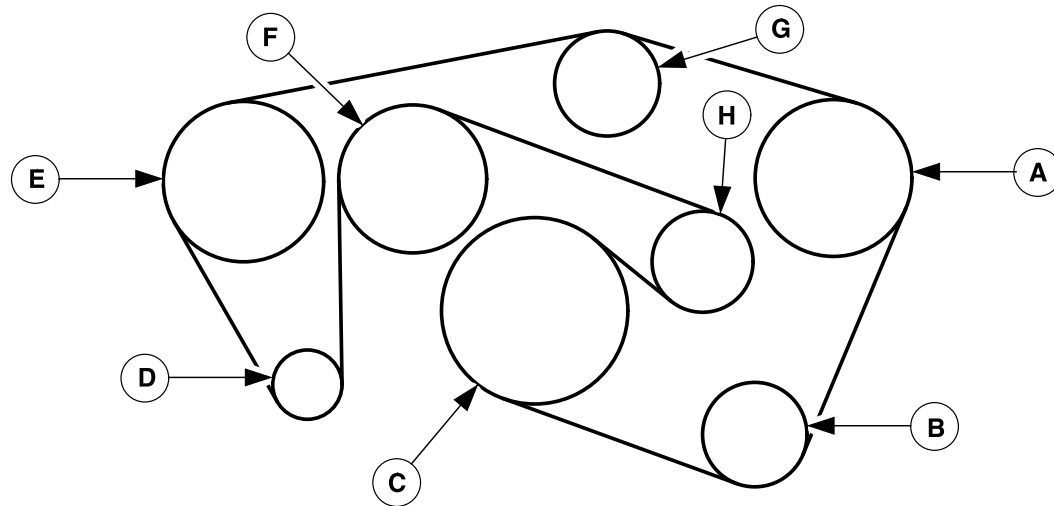
*Secondary Drive Belt*

- A. Supercharger
- B. Idler
- C. Crankshaft
- D. Tensioner

J.303.1566

**Notes**

V6 Gasoline: (except X-TYPE see next page)

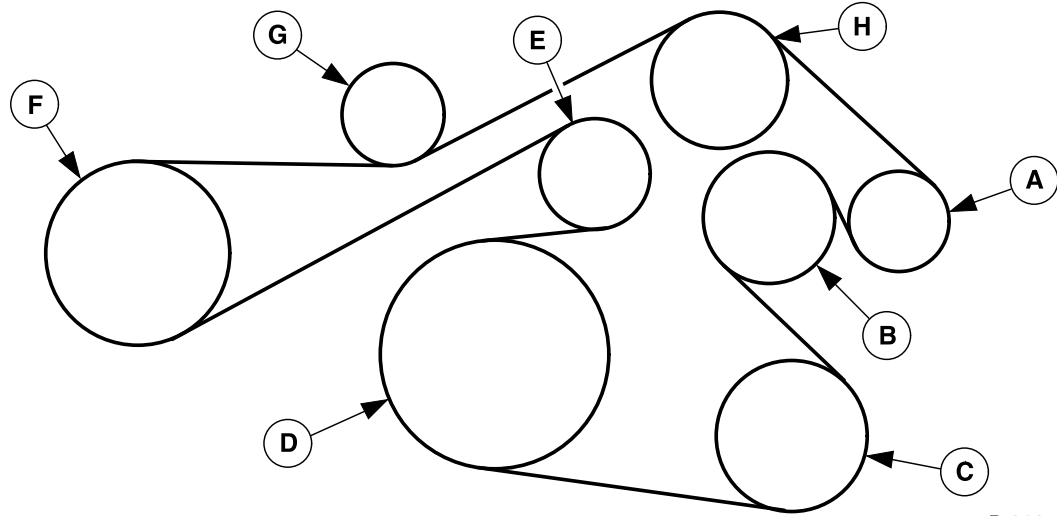


- A. Power steering pump
- B. Air conditioning compressor
- C. Crankshaft
- D. Generator
- E. Idler
- F. Coolant pump
- G. Idler
- H. Tensioner

J.303.1564

### Notes

V6 Gasoline: (X-TYPE)



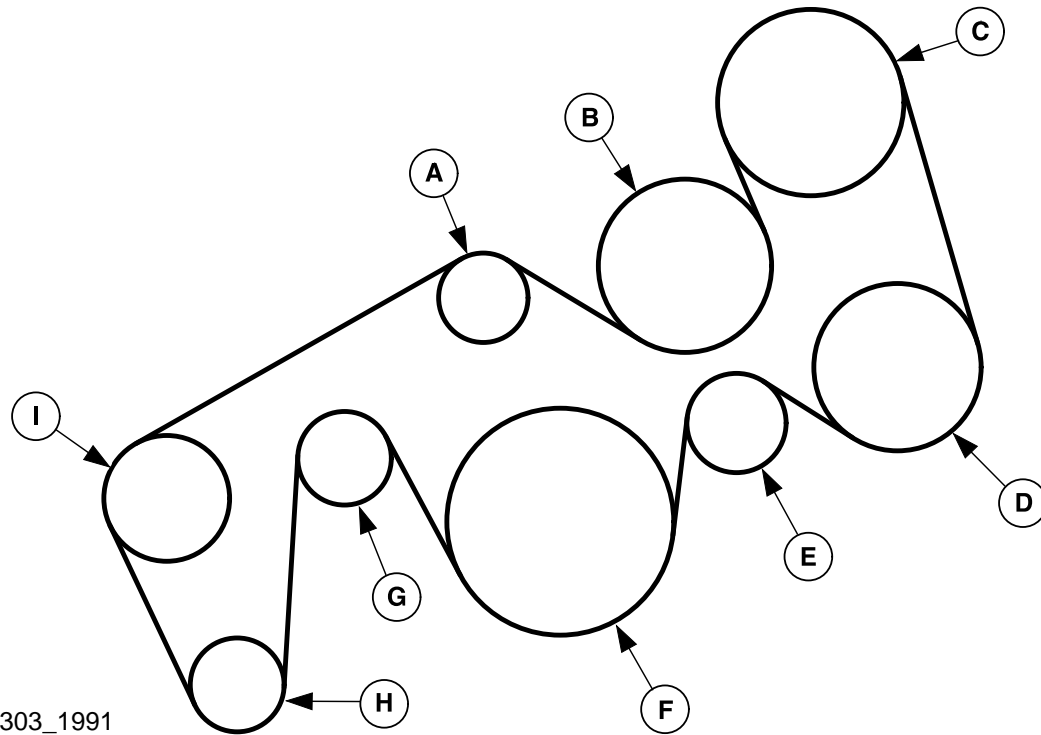
- A. Generator
- B. Idler
- C. Air conditioning compressor
- D. Crankshaft
- E. Tensioner
- F. Power steering pump
- G. Idler
- H. Idler

D.303.1591

### Notes



GTDi 2.0L Gasoline

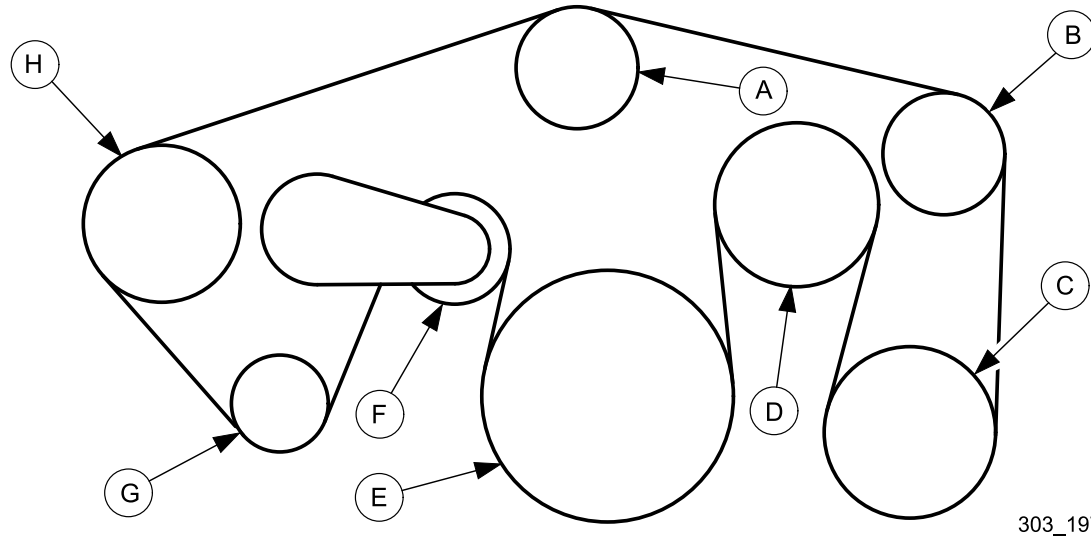


- A. Idler
- B. Coolant pump
- C. Power steering pump
- D. Air conditioning compressor
- E. Idler
- F. Crankshaft
- G. Tensioner
- H. Generator
- I. Idler

303\_1991

Notes

V6 Diesel 3.0L

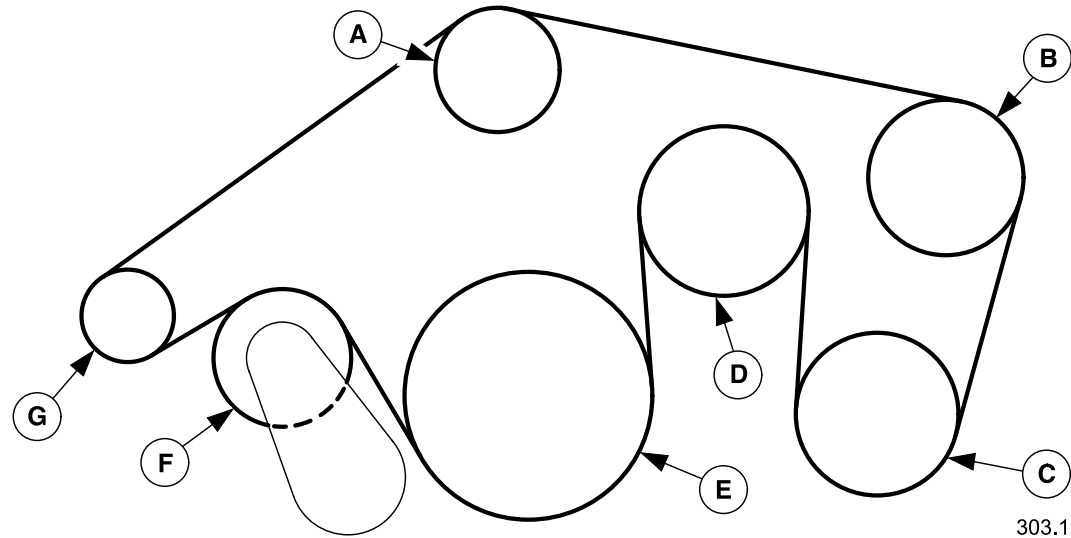


303\_1973

- A. Idler
- B. Idler
- C. Air conditioning compressor
- D. Coolant pump
- E. Crankshaft
- F. Tensioner
- G. Generator
- H. Power steering pump

### Notes

V6 Diesel 2.7L

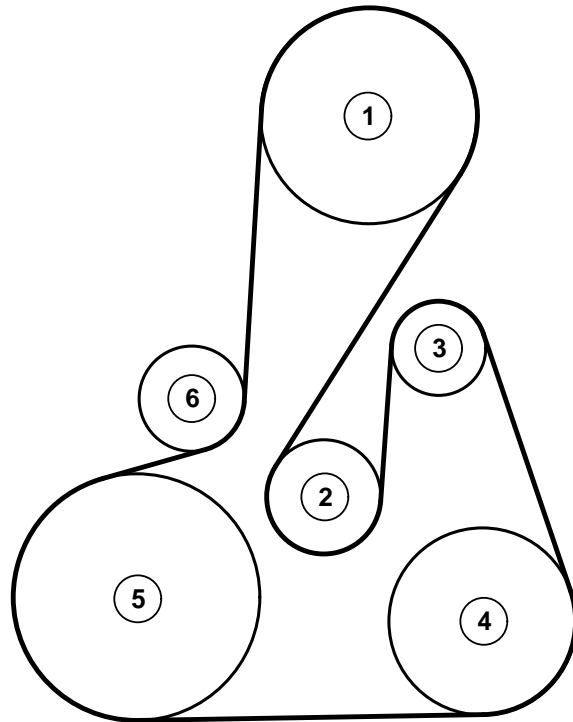


303.1903

- A. Idler
- B. Power steering pump
- C. Air conditioning compressor
- D. Coolant pump
- E. Crankshaft
- F. Tensioner
- G. Generator

### Notes

## In-line 4-Cylinder Diesel (XF)

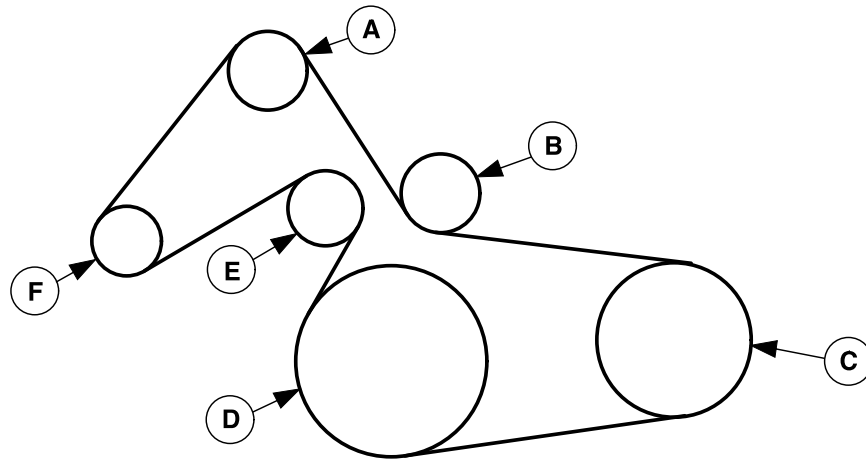


- 1. Power steering pump
- 2. Idler
- 3. Generator
- 4. Air conditioning compressor
- 5. Crankshaft pulley
- 6. Tensioner

M128149

**Notes**

## In-line 4-Cylinder Diesel (X-TYPE)



- A. Idler
- B. Idler
- C. Compressor
- D. Crankshaft
- E. Tensioner
- F. Generator

303.1755

### Notes

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XJ: 1998 MY</b>				
AJ26 V8	3.2 liter	NCA385OFA 1	1.2 – 1.3 (0.047 – 0.051)	ROW
	4.0 liter	NCA385OHA 1	1.2 – 1.3 (0.047 – 0.051)	NAS
		NCA385OFA 1		ROW
	4.0 liter SC	NCA385OHA 2	1.2 – 1.3 (0.047 – 0.051)	All
	All	NCA385OCA (service fit only)	1.0 – 1.1 (0.039 – 0.043)	Leaded
<b>XJ: 1999 up to 2003 MY</b>				
AJ27 V8	3.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	ROW
	4.0 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
AJ26.5 V8	4.0 liter SC	NCA3850HA 2 up to 2000 MY	1.2 – 1.3 (0.047 – 0.051)	All
AJ27 V8		AJ8 4575 (iridium) from 2000 MY	0.9 – 1.0 (0.035 – 0.039)	
All	–	XR8 15350 (service fit only) *	1.0 – 1.1 (0.039 – 0.043)	Leaded

**Note:** \*Not applicable with the introduction of 'iridium' spark plugs.

**Notes**

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XJ: 2003 up to 2010 MY</b>				
V6	3.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	All
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ33 V8	3.5 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.2 liter SC	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
<b>XJ: 2010 up to 2011.5 MY</b>				
AJ133 V8	5.0 liter	AJ8 12146 (iridium) or	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC	C2P 23089 (iridium)		
<b>XJ: 2011.5 up to 2013 MY</b>				
V6	3.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	ROW
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ133 V8	5.0 liter	C2P 23089 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC			

**Notes**

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XJ: 2013 MY onwards</b>				
GTDi In-line-4	2.0 liter	NGK Iridium ILTR6G8G	0.7 – 0.8 (0.027 – 0.031)	All
AJ126 V6	3.0 liter SC	NGK Iridium SILZKAR7C10S	0.9 – 1.0 (0.035 – 0.039)	All
AJ133 V8	5.0 liter	NGK Iridium ILKAR7C10	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC			

**Notes**



Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XK: 1997 up to 1998 MY</b>				
AJ26 V8	4.0 liter	NCA385OHA 1	1.2 – 1.3 (0.047 – 0.051)	NAS
		NCA385ODA 2	1.0 – 1.1 (0.039 – 0.043)	ROW
		NCA385OCA (service fit only)		Leaded
<b>XK: 1998 and 1999 MY</b>				
AJ26 V8	4.0 liter	NCA385OHA 1 up to 1999 MY	1.2 – 1.3 (0.047 – 0.051)	NAS
AJ27 V8		AJ8 4575 (iridium) from 1999 MY	0.9 – 1.0 (0.035 – 0.039)	
AJ26 V8		NCA385OFA 1 up to 1999 MY	1.2 – 1.3 (0.047 – 0.051)	ROW
AJ27 V8		AJ8 4575 (iridium) from 1999 MY	0.9 – 1.0 (0.035 – 0.039)	
AJ26 V8 and AJ26.5 V8	4.0 liter SC **	NCA385OHA 2	1.2 – 1.3 (0.047 – 0.051)	All
All	–	NCA385OCA (service fit only)	1.0 – 1.1 (0.039 – 0.043)	Leaded
<b>XK: 2000 up to 2003 MY</b>				
AJ27 V8	4.0 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.0 liter SC	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	
	All	XR8 15350 (service fit only) *	1.0 – 1.1 (0.039 – 0.043)	Leaded

**Note:** \*Not applicable with the introduction of 'iridium' spark plugs.

**Note:** \*\* SC engine introduced at VIN 024687.

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XK: 2003 up to 2006.5 MY</b>				
AJ33 V8	4.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.2 liter SC			
<b>XK: 2006.5 up to 2010 MY</b>				
AJ40 V8	4.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.2 liter SC			
<b>XK: 2010 up to 2011.5 MY</b>				
AJ133 V8	5.0 liter	AJ8 12146 (iridium) or	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC	C2P 23089 (iridium)		
<b>XK: 2011.5 MY onwards</b>				
AJ133 V8	5.0 liter	C2P 23089 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC (510 bhp)			
	5.0 liter SC (550 bhp)			

**Notes**

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XF: 2008.25 up to 2010 MY</b>				
V6	3.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	All
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ33 V8	4.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.2 liter SC			
<b>XF: 2010 up to 2011.5 MY</b>				
V6	3.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	ROW
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ33 V8	4.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	NAS
AJ133 V8	5.0 liter	AJ8 12146 (iridium) or	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC	C2P 23089 (iridium)		

**Notes**

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>XF: 2011.5 up to 2013 MY</b>				
V6	3.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	ROW
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ133 V8	5.0 liter	C2P 23089 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	5.0 liter SC			
<b>XF: 2013 MY onwards</b>				
GTDi In-line-4	2.0 liter	NGK Iridium ILTR6G8G	0.7 – 0.8 (0.027 – 0.031)	All
AJ126 V6	3.0 liter SC	NGK Iridium SILZKAR7C10S	0.9 – 1.0 (0.035 – 0.039)	All
AJ133 V8	5.0 liter SC	NGK Iridium ILKAR7C10	0.9 – 1.0 (0.035 – 0.039)	All

**Notes**

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>				
V6	3.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	All
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
		XR8 15349 (service fit only) or	1.0 – 1.1 (0.039 – 0.043)	Leaded
		C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ28 V8	4.0 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
		XR8 15350 (service fit only) *	1.0 – 1.1 (0.039 – 0.043)	Leaded
<b>S-TYPE: 2002.5 MY onwards</b>				
V6	2.5 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	All
	3.0 liter	C2S 46895	1.2 – 1.3 (0.047 – 0.051)	
AJ33 V8	4.2 liter	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	All
	4.2 liter SC			

**Note:** \* Not applicable with the introduction of 'iridium' spark plugs.

**Notes**

Engine Type	Engine	Spark Plug Part Number	Spark Plug Gap – mm (inches)	Market
<b>X-TYPE: 2001 MY onwards</b>				
V6	2.0 liter	XR8 42795 or	1.32 – 1.42 (0.051 – 0.056)	All
	2.5 liter			
	3.0 liter	C2S 46895	1.2 – 1.3 (0.047 – 0.051)	

**Notes**

**V8 - not including 5.0L**

Notes

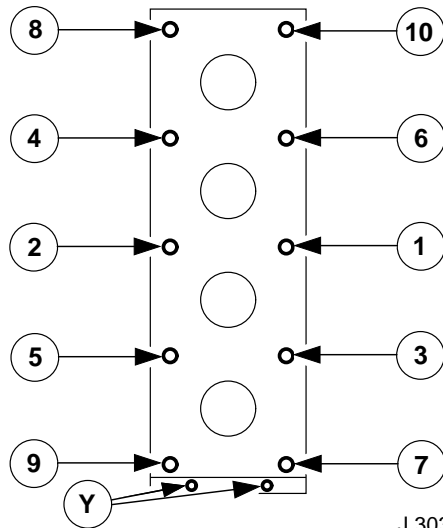
Tightening Torques in Nm / lbf.ft and Degrees of Rotation.

Tighten each bank in sequence shown.

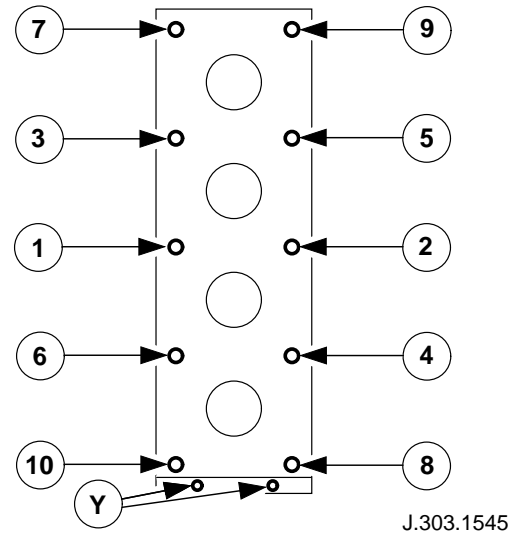
Use new bolts.

<b>1</b>	Tighten 1 to 10: to 20 Nm / 15 lbf.ft	<b>4</b>	Tighten 1 to 10: 90 degrees
<b>2</b>	Tighten 1 to 10: to 35 Nm / 26 lbf.ft	<b>5</b>	Tighten 'Y': to 23 Nm / 17 lbf.ft
<b>3</b>	Tighten 1 to 10: 90 degrees		

**Bank 1**



**Bank 2**



front of engine

**V8 - 5.0L only**

**Notes**

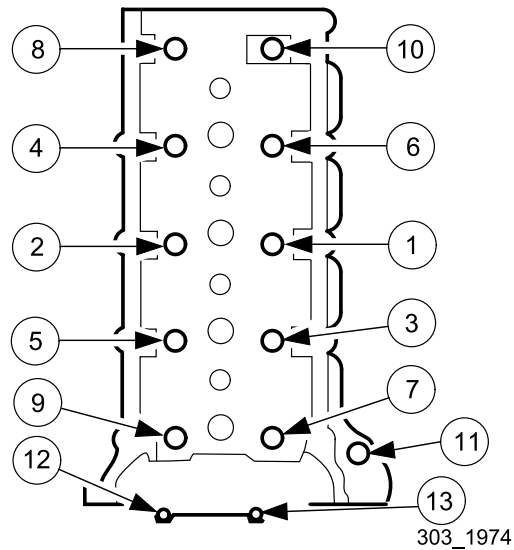
Tightening Torques in Nm / lbf.ft and Degrees of Rotation.

Tighten each bank in sequence shown.

Use new bolts.

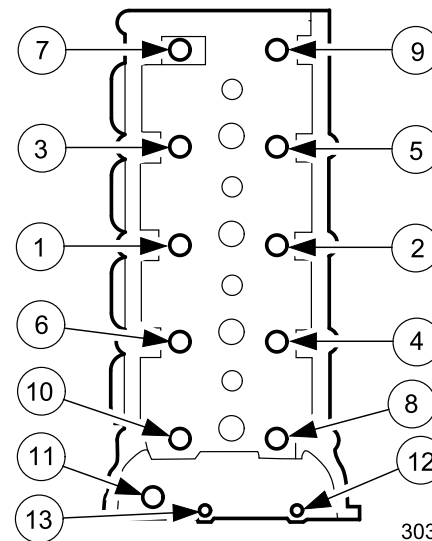
<b>1</b>	Tighten 1 to 10: to 20 Nm / 15 lbf.ft	<b>4</b>	Tighten 1 to 10: 90 degrees
<b>2</b>	Tighten 1 to 10: to 35 Nm / 26 lbf.ft	<b>5</b>	Tighten 1 to 10: 120 degrees
<b>3</b>	Release '1' then re-tighten to 35 Nm / 26 lbf.ft; repeat procedure on '2 to 10' in sequence.	<b>6</b>	Tighten 11: 25 Nm / 18 lbf.ft
		<b>7</b>	Tighten 12 and 13: 12 Nm / 9 lbf.ft

**Bank 1**



303\_1974

**Bank 2**



303\_1975

**front of engine**



## V6 - Naturally Aspirated only

Tightening Torques in Nm / lbf.ft and Degrees of Rotation

Use new bolts and washers.

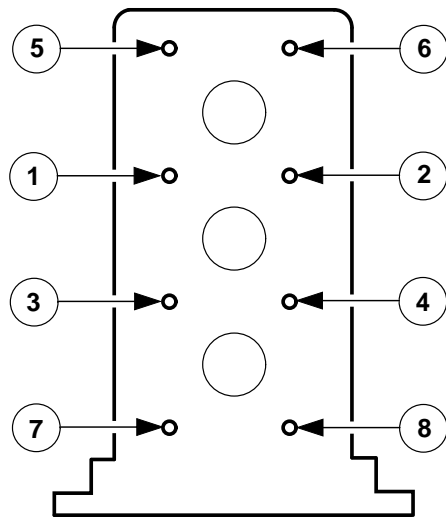
Tighten each bank in sequence shown.

1	Tighten 1 to 8: to 30 Nm / 22 lbf.ft
2	Tighten 1 to 8: 90 degrees
3	Loosen 1 to 8: one full turn – 360 degrees

4	Tighten 1 to 8: to 30 Nm / 22 lbf.ft
5	Tighten 1 to 8: 90 degrees
6	Tighten 1 to 8: an additional 90 degrees

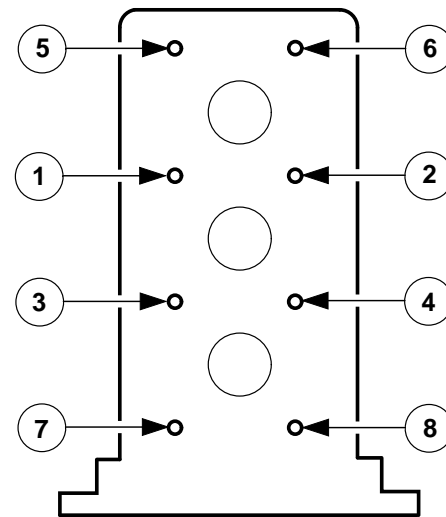
### Notes

Bank 1



D.303.1624

Bank 2

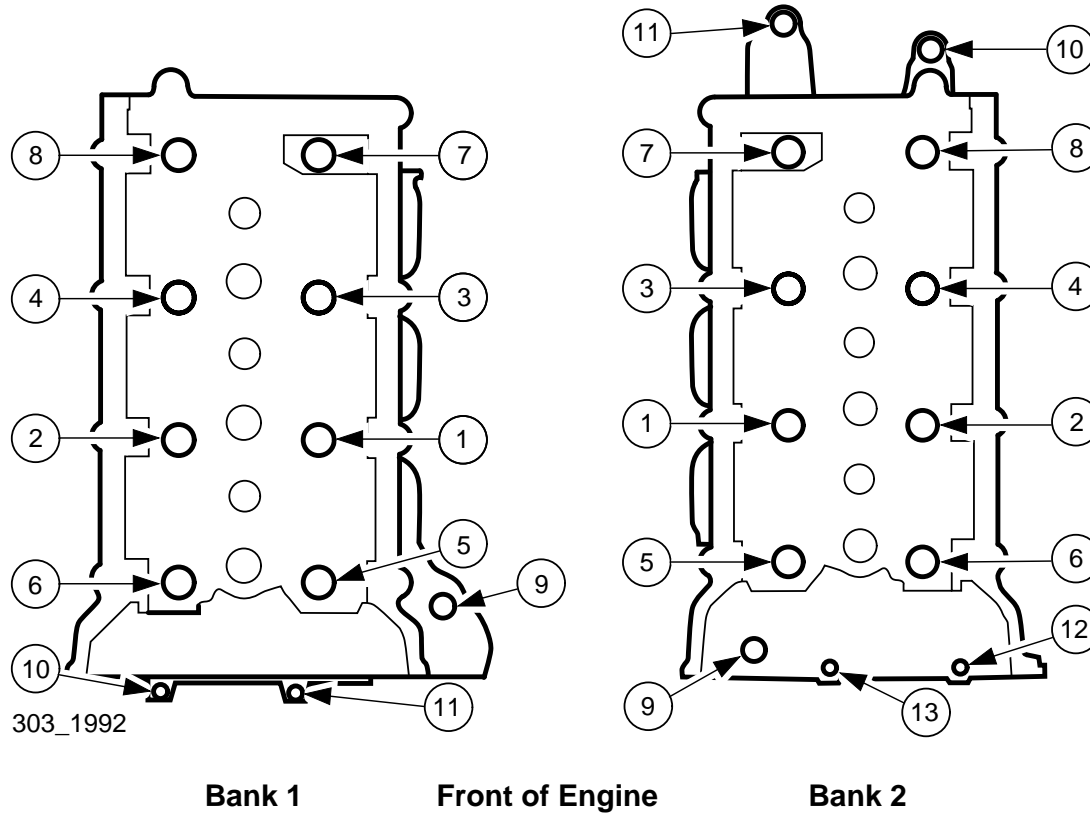


D.303.1624

front of engine

V6 - Supercharged only

Notes

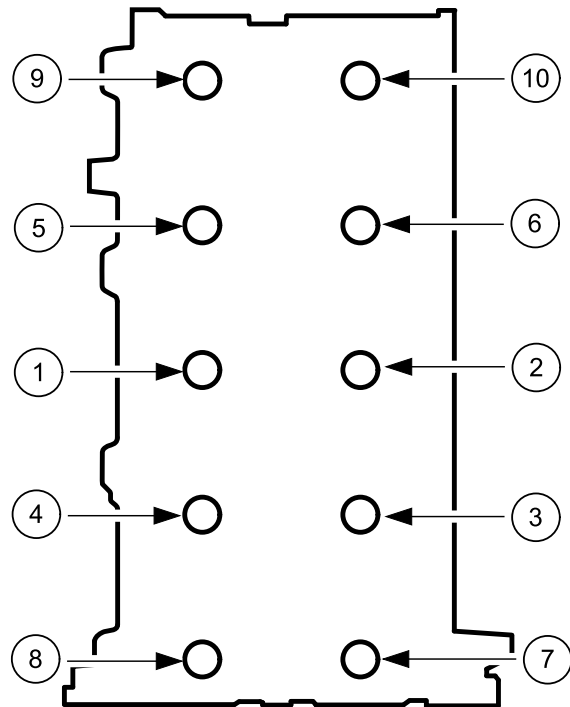


continued on next page.....

V6 - Supercharged only				<u>Notes</u>
Continued from previous page.				
Tightening Torques in Nm / lbf.ft and Degrees of Rotation				
Use new bolts and washers.				
Apply each step in numerical sequence shown.				
Bank 1 only		Bank 2 only		
1	Tighten 1 to 8: to 20 Nm / 15 lbf.ft.	1	Tighten 1 to 8: to 20 Nm / 15 lbf.ft.	
2	Tighten 1 to 8: to 35 Nm / 26 lbf.ft.	2	Tighten 1 to 8: to 35 Nm / 26 lbf.ft.	
3	Release bolt 1 then retighten to 35 Nm / 26 lbf.ft.	3	Release bolt 1 then retighten to 35 Nm / 26 lbf.ft.	
4	Repeat the above step for remaining bolts 2 to 8.	4	Repeat the above step for remaining bolts 2 to 8.	
5	Tighten 1 to 8: through 90 degrees.	5	Tighten 1 to 8: through 90 degrees.	
6	Tighten 1 to 8: through 120 degrees.	6	Tighten 1 to 8: through 120 degrees.	
7	Tighten 9: to 25 Nm / 18 lbf.ft.	7	Tighten 9 to 11: to 25 Nm / 18 lbf.ft.	
8	Tighten 10 and 11: to 12 Nm / 9 lbf.ft.	8	Tighten 12 and 13: to 12 Nm / 9 lbf.ft.	

GTDi 2.0L

Notes



M128208

front of engine

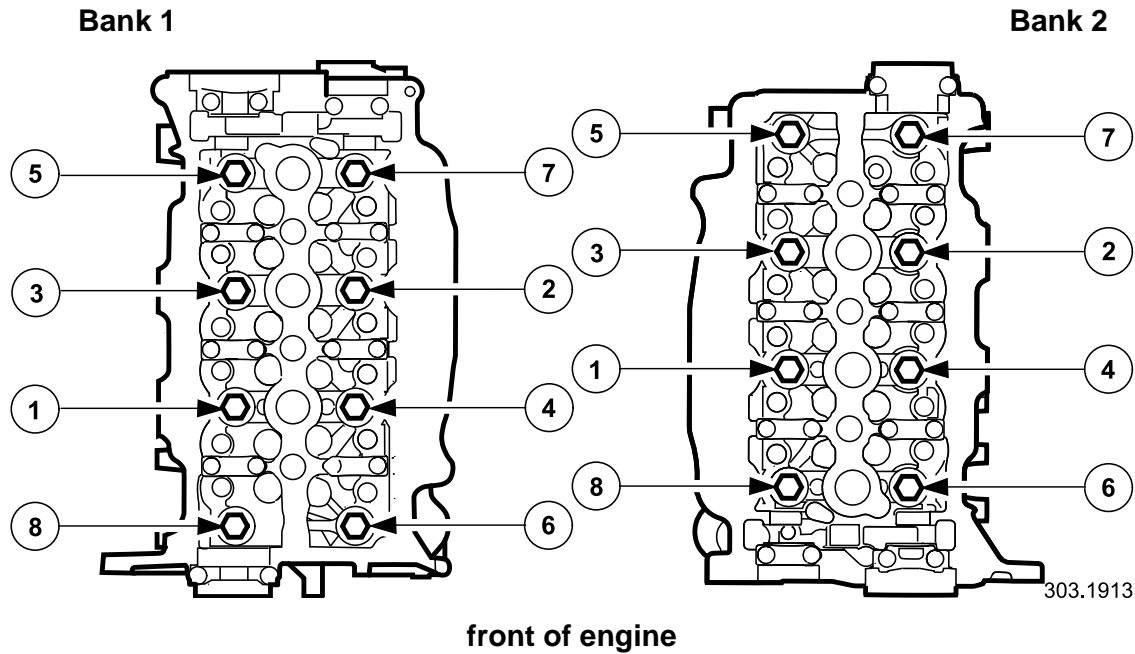
Apply each step in numerical sequence shown:

1. 1 to 10 – 7 Nm / 5 lbf.ft.
2. 1 to 10 – 15 Nm / 11 lbf.ft.
3. 1 to 10 – 55 Nm / 40 lbf.ft.
4. 1 to 10 – 90 degrees
5. 1 to 10 – 90 degrees

**Note:** Always use new bolts.

V6			
Tightening Torques in Nm / lbf.ft and Degrees of Rotation.		Use new bolts.	
Tighten each bank in sequence shown.			
1.	Tighten 1 to 8: to 20 Nm / 14 lbf.ft	3.	Tighten 1 to 8: to 80 Nm / 59 lbf.ft
2.	Tighten 1 to 8: to 40 Nm / 29 lbf.ft	4.	Tighten 1 to 8: 180 degrees

Notes



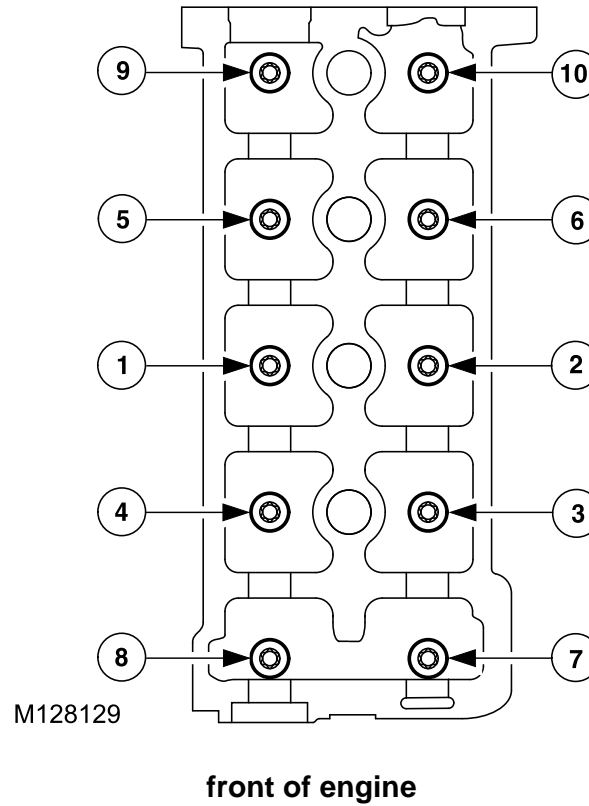
**In-line 4-Cylinder - XF**

Tightening Torques in Nm and Degrees of Rotation

Use new bolts.

<b>1</b>	Pre-tighten 1 to 10: to 20 Nm / 15 lbf.ft
<b>2</b>	Tighten 1 to 10: to 60 Nm / 44 lbf.ft
<b>3</b>	Angular tighten 1 to 10: 220 degrees

Notes



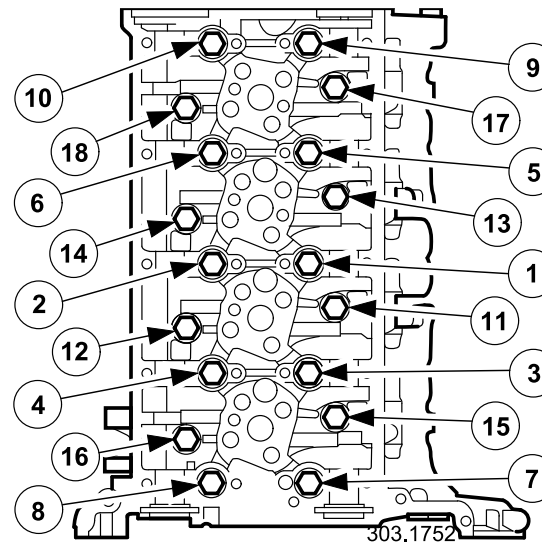
## In-line 4-Cylinder - X-TYPE

Tightening Torques in Nm and Degrees of Rotation

Use new bolts.

1	Tighten 1 to 10: to 20 Nm / 15 lbf.ft
2	Tighten 11 to 18: to 10 Nm / 7 lbf.ft
3	Tighten 1 to 10: to 40 Nm / 30 lbf.ft
4	Tighten 11 to 18: to 20 Nm / 15 lbf.ft
5	Tighten 1 to 10: to 180 degrees
6	Tighten 11 to 18: to 180 degrees

### Notes



front of engine

Engine	Market	Final Drive Ratio	<u>Notes</u>
<b>XJ: 1998 up to 2003 MY</b>			
3.2 liter automatic – Gasoline	ROW	3.27 : 1	
4.0 liter automatic – Gasoline	NAS	3.06 : 1	
	ROW		
	Mexico	3.27 : 1	
4.0 liter SC automatic – Gasoline	NAS	3.06 : 1	
	ROW		
<b>XJ: 2003 up to 2010 MY</b>			
2.7 liter automatic – Diesel	ROW	3.07 : 1	
3.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
3.5 liter automatic – Gasoline	NAS	3.07 : 1	
	ROW		
4.0 liter automatic – Gasoline	NAS	2.87 : 1	
	ROW		
4.0 liter SC automatic – Gasoline	NAS	2.87 : 1	
	ROW		



Engine	Market	Final Drive Ratio	Notes
<b>XJ: 2010 up to 2011 MY</b>			
3.0 liter automatic – Diesel	EUR	2.73 : 1	
5.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
5.0 liter SC automatic – Gasoline	NAS	3.31 : 1	
	ROW		
<b>XJ: 2011 up to 2013 MY</b>			
3.0 liter automatic – Diesel	EUR	2.73 : 1	
3.0 liter automatic – Gasoline	ROW	3.31 : 1	
5.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
5.0 liter SC automatic – Gasoline	NAS	3.31 : 1	
	ROW		

Engine	Market	Final Drive Ratio	<u>Notes</u>
<b>XJ: 2013 MY onwards</b>			
3.0 liter automatic – Diesel	EUR	2.44 : 1	
GTDi 2.0L automatic – Gasoline	ROW	2.73 : 1	
3.0 liter SC automatic – Gasoline (RWD and AWD)	NAS	2.56 : 1	
	ROW		
5.0 liter automatic – Gasoline	NAS	2.56 : 1	
	ROW		
5.0 liter SC automatic – Gasoline	NAS	2.56 : 1	
	ROW		

Engine	Market	Final Drive Ratio	<u>Notes</u>
<b>XK: 1997 up to 2003 MY</b>			
4.0 liter automatic – Gasoline	NAS	3.06 : 1	
	ROW		
	Mexico		
4.0 liter SC automatic – Gasoline	NAS	3.06 : 1	
	ROW		
<b>XK: 2003 up to 2006.5 MY</b>			
4.2 liter automatic – Gasoline	NAS	3.06 : 1	
	ROW		
4.2 liter SC automatic – Gasoline	NAS	3.06 : 1	
	ROW		

Engine	Market	Final Drive Ratio	<u>Notes</u>	
<b>XK: 2006.5 up to 2010 MY</b>				
4.2 liter automatic – Gasoline	NAS	3.31 : 1		
	ROW			
4.2 liter automatic – SC Gasoline	NAS	3.31 : 1		
	ROW			
<b>XK: 2010 MY onwards</b>				
5.0 liter automatic – Gasoline	NAS	3.31 : 1		
	ROW			
5.0 liter automatic – SC Gasoline	NAS	3.31 : 1		
	ROW			

Engine	Market	Final Drive Ratio	Notes
<b>XF: 2008.25 up to 2010 MY</b>			
2.7 liter automatic – Diesel	EUR	3.07 : 1	
3.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
4.2 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
4.2 liter SC automatic – Gasoline	NAS	3.07 : 1	
	ROW		
<b>XF: 2010 up to 2012 MY</b>			
3.0 liter automatic – Diesel	EUR	2.73 : 1	
3.0 liter automatic – Gasoline	EUR	3.31 : 1	
4.2 liter automatic – Gasoline	NAS	3.31 : 1	
5.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
5.0 liter SC automatic – Gasoline	NAS	3.31 : 1	
	ROW		

Engine	Market	Final Drive Ratio	<u>Notes</u>
<b>XF: 2012 up to 2013 MY</b>			
2.2 liter automatic – Diesel	EUR	2.56 : 1	
3.0 liter automatic – Diesel	EUR	2.44 : 1	
3.0 liter automatic – Gasoline	EUR	3.31 : 1	
5.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
5.0 liter SC automatic – Gasoline	NAS	3.31 : 1	
	ROW		
<b>XF: 2013 MY onwards</b>			
2.2 liter automatic – Diesel	EUR	2.56 : 1	
3.0 liter automatic – Diesel	EUR	2.44 : 1	
GTDi 2.0L automatic – Gasoline	EUR	2.73 : 1	
3.0 liter SC automatic – Gasoline (RWD and AWD)	NAS	2.56 : 1	
	ROW		
5.0 liter SC automatic – Gasoline	NAS	2.56 : 1	
	ROW		

Engine	Market	Final Drive Ratio	<u>Notes</u>	
<b>S-TYPE: 1999.25 MY</b>				
3.0 liter manual – Gasoline	NAS	3.07 : 1		
	ROW			
3.0 liter automatic – Gasoline	NAS	3.31 : 1		
	ROW			
4.0 liter automatic – Gasoline	NAS	3.31 : 1		
	ROW			
<b>S-TYPE: 2000 up to 2002.5 MY</b>				
3.0 liter manual – Gasoline	NAS	3.07 : 1		
	ROW			
3.0 liter automatic – Gasoline	NAS	3.31 : 1		
	ROW			
	Mexico	3.58 : 1		
4.0 liter automatic – Gasoline	NAS	3.31 : 1		
	ROW			

Engine	Market	Final Drive Ratio	<u>Notes</u>
<b>S-TYPE: 2002.5 MY onwards</b>			
2.5 liter manual – Gasoline	NAS	3.07 : 1	
	ROW		
2.5 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
2.7 liter manual – Diesel	EUR	2.69 : 1	
2.7 liter automatic – Diesel	EUR	3.07 : 1	
3.0 liter manual – Gasoline	NAS	3.07 : 1	
	ROW		
3.0 liter automatic – Gasoline	NAS	3.31 : 1	
	ROW		
4.2 liter automatic – Gasoline	NAS	2.87 : 1	
	ROW		
4.2 liter SC automatic – Gasoline	NAS	2.87 : 1	
	ROW		



Engine	Market	Final Drive Ratio	<u>Notes</u>
<b>X-TYPE: 2001 MY onwards</b>			
2.5 liter automatic and manual – Gasoline	NAS	2.53 : 1	
	ROW		
3.0 liter automatic and manual – Gasoline	NAS	2.53 : 1	
	ROW		

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XJ: 1998 up to 2003 MY</b>						
3.2 liter Auto	Esso LT 71141	JLM 20237	10.0 (10.6)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
4.0 liter Auto	Esso LT 71141	JLM 20237	10.0 (10.6)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
4.0 liter SC Auto	Shell ATF 3403 M115	JLM 20292	9.5 (10.0)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
<b>XJ: 2003 up to 2009 MY</b>						
2.7 liter Diesel Auto	Shell M1375.4	C2C 8432	8.52 (9.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.5 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XJ: 2009 up to 2010 MY</b>						
2.7 liter Diesel Auto	Shell M1375.4	C2C 8432	8.52 (9.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.5 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
VIN Introduction of new differential: H31471*						
2.7 liter Diesel Auto	Shell M1375.4	C2C 8432	8.52 (9.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.5 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)

**Note:** \* new differential also fitted to VIN: H30324, H30348, H30351, H30355, H30358, H30359, H30363, H30364, H30368 to H30371.

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XJ: 2010 up to 2011 MY</b>						
3.0 liter Diesel Auto	Shell M1375.4	C2C 8432	10.06 (10.6)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter SC Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol BOT 720 75W-90	C2D 3650	1.3 (1.37)
<b>XJ: 2011 up to 2013MY</b>						
3.0 liter Diesel Auto	Shell M1375.4	C2C 8432	10.06 (10.6)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter SC Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol BOT 720 75W-90	C2D 3650	1.3 (1.37)

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential	
	Lubricant	Part No	Capacity	Lubricant and Capacity	
<b>XJ: 2013 MY onwards</b>					
3.0 liter Diesel 8 Ratio Auto	Transmission: Shell L12108 (Lifeguard 8)	JDE 26444* JDE 26445**	8.45 liters 8.9 US Quarts	Rear Open Unit: Castrol SAF-XO Part Number: C2D 3653 Initial fill: 0.85 liters / 9.0 US Quarts Service fill: 0.82 liters / 8.6 US Quarts	Rear Electronic Unit: Castrol BOT 720 Part Number: C2D 3650 Initial fill: 1.25 liters / 1.3 US Quarts Service fill: 1.21 liters / 1.3 US Quarts
2.0L GTDi 8 Ratio Auto					
5.0 liter 8 Ratio Auto					
5.0 liter SC 8 Ratio Auto					
3.0 liter SC 8 Ratio Auto	Transfer Case: Shell TF0870	C2Z25586	0.62 liters 0.65 US Quarts	Front Unit: Castrol SAF-XO - Part Number: C2D 3653 Initial fill: 0.54 liters / 0.57 US Quarts      Service fill: 0.51 liters / 0.54 US Quarts	

**Note:** \* 1 Liter / \*\* 5 Liter.

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XK: 1997 up to 1998.75 MY</b>						
4.0 liter Auto	Esso LT 71141	JLM 20237	10.0 (10.6)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
<b>XK: 1998.75 up to 2003 MY</b>						
4.0 liter Auto	Esso LT 71141	JLM 20237	10.0 (10.6)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
4.0 liter SC Auto	Shell ATF 3403 M115	JLM 20292	9.5 (10.0)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
<b>XK: 2003 up to 2006.5 MY</b>						
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	Shell Spirax Super TS90	JLM 20255	1.9 (2.0)

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XK: 2006.5 up to 2010 MY</b>						
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
<b>XK: 2010 MY onwards</b>						
5.0 liter Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter SC Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol BOT 720 75W-90	C2D 3650	1.3 (1.37)

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XF: 2008.25 up to 2010 MY</b>						
2.7 liter Diesel Auto	Shell M1375.4	C2C 8432	8.52 (9.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
VIN Introduction of new differential: R41866*						
2.7 liter Diesel Auto	Shell M1375.4	C2C 8432	8.52 (9.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)

**Note:** \* new differential also fitted to VIN: R32255, R32809 to R32814, R32823, R32848 to R32851.

**Note:** Capacity figures quoted are maximum fill.

**Notes**



Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>XF: 2010 up to 2012 MY</b>						
3.0 liter Diesel Auto	Shell M1375.4	C2C 8432	10.06 (10.6)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter SC Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol BOT 720 75W-90	C2D 3650	1.3 (1.37)
<b>XF: 2012 up to 2013 MY</b>						
2.2 liter Diesel 8 Ratio Auto	Shell L12108 or Lifeguard 8	JDE 26444* JDE 26445**	8.04 (8.5)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Diesel 8 Ratio Auto	Shell L12108 or Lifeguard 8	JDE 26444* JDE 26445**	8.45 (8.9)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Diesel 6 Ratio Auto	Shell M1375.4	C2C 8432	10.06 (10.6)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
3.0 liter Gasoline 6 Ratio Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter Gasoline 6 Ratio Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol SAF-XO 75W-90	C2D 3653	0.90 (0.95)
5.0 liter SC Gasoline 6 Ratio Auto	Shell M1375.4	C2C 8432	10.13 (10.7)	Castrol BOT 720 75W-90	C2D 3650	1.3 (1.37)

**Note:** \* 1 Liter / \*\* 5 Liter.

**Note:** Capacity figures quoted are maximum fill.

Engine	Transmission			Differential	
	Lubricant	Part No	Capacity	Lubricant and Capacity	
<b>XF: 2013 MY onwards</b>					
2.2 liter Diesel 8 Ratio Auto	Transmission: Shell L12108 (Lifeguard 8)	JDE 26444* JDE 26445**	8.45 liters 8.9 US Quarts	Rear Open Unit: Castrol SAF-XO Part Number: C2D 3653 Initial fill: 0.85 liters / 9.0 US Quarts Service fill: 0.82 liters / 8.6 US Quarts	Rear Electronic Unit: Castrol BOT 720 Part Number: C2D 3650 Initial fill: 1.25 liters / 1.3 US Quarts Service fill: 1.21 liters / 1.3 US Quarts
3.0 liter Diesel 8 Ratio Auto					
2.0L GTDi 8 Ratio Auto					
5.0 liter SC 8 Ratio Auto					
3.0 liter SC 8 Ratio Auto	Transfer Case: Shell TF0870	C2Z25586	0.62 liters 0.65 US Quarts	Front Unit: Castrol SAF-XO - Part Number: C2D 3653 Initial fill: 0.54 liters / 0.57 US Quarts	Service fill: 0.51 liters / 0.54 US Quarts

**Note:** \* 1 Liter / \*\* 5 Liter.

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>						
3.0 liter Man	Esso D21065	JLM 20937	1.1 (1.2)	M2C 192A Synthetic	JLM 20771	1.5 (1.6)
3.0 liter Auto	MERCON™ V XT-5-QM	JLM 21044	9.0 (9.5)	M2C 192A Synthetic	JLM 20771	1.5 (1.6)
4.0 liter Auto	MERCON™ V XT-5-QM	JLM 21044	9.0 (9.5)	M2C 192A Synthetic	JLM 20771	1.5 (1.6)
<b>S-TYPE: 2002.5 MY onwards</b>						
2.5 liter Man	Esso LT 71141	JLM 20237	1.1 (1.2)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
2.5 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
2.7 liter Diesel Man	Burmah Castrol BOT 338	XR8 50056 XR8 50057	1.6 (1.7)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
2.7 liter Diesel Auto	Shell M1375.4	C2C 8432	8.52 (9.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.0 liter Man	Esso LT 71141	JLM 20237	1.1 (1.2)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
3.0 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter Auto	Shell M1375.4	C2C 8432	9.47 (10.0)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)
4.2 liter SC Auto	Shell M1375.4	C2C 8432	9.92 (10.5)	M2C 192A Synthetic	JLM 20771	1.25 (1.32)

**Note:** Capacity figures quoted are maximum fill.

**Notes**

Engine	Transmission			Differential		
	Lubricant	Part No	Capacity Liters (US Quarts)	Lubricant	Part No	Capacity Liters (US Quarts)
<b>X-TYPE: 2001 MY onwards</b>						
2.0 liter Gasoline Man	Castrol Syntrans Multivehicle 75W-90	C2S 19889	1.9 (2.0)	–	–	–
2.0 liter Gasoline Auto	ATF IDEMITSU K17 (Jatco 3100 PL085)	C2S 12120	8.8 (9.3)	–	–	–
2.0 liter Diesel Man	Castrol Syntrans Multivehicle 75W-90	C2S 19889	1.9 (2.0)	–	–	–
2.2 liter Diesel Man	Castrol Syntrans Multivehicle 75W-90	C2S 19889	1.75 (1.8)	–	–	–
2.2 liter Diesel Auto	Exxon Mobil JWS 3309	C2S 51628	6.6 (7.0)	–	–	–
2.5 liter Man	Castrol Syntrans Multivehicle 75W-90	C2S 19889	1.75 (1.8)	M2C 192A Synthetic	JLM 20771	1.15 (1.2)
2.5 liter Auto	ATF IDEMITSU K17 (Jatco 3100 PL085)	C2S 12120	8.8 (9.3)	M2C 192A Synthetic	JLM 20771	1.15 (1.2)
3.0 liter Man	Castrol Syntrans Multivehicle 75W-90	C2S 19889	1.75 (1.8)	M2C 192A Synthetic	JLM 20771	1.15 (1.2)
3.0 liter Auto	ATF IDEMITSU K17 (Jatco 3100 PL085)	C2S 12120	8.8 (9.3)	M2C 192A Synthetic	JLM 20771	1.15 (1.2)
<b>Transfer Case</b>						
2.5 and 3.0 liter	M2C 192A Synthetic	JLM 20771	0.5 (0.5)			

**Note:** Capacity figures quoted are maximum fill.

Engine/Zone	Refrigerant	Refrigerant Charge Weight	Compressor Lubricant Part Number	Compressor Lubricant Capacity	<u>Notes</u>
<b>XJ: 1998 up to 2003 MY</b>					
	R134a	675g ± 25g	JLM 12260	160 – 200 ml	
<b>XJ: 2003 up to 2010 MY</b>					
2 Zone Diesel	R134a	650g ± 25g	JLM 12260	120 ml	
2 Zone Gasoline	R134a	650g ± 25g	JLM 12260	140 ml	
4 Zone Gasoline	R134a	800g ± 25g	JLM 12260	180 ml	
<b>XJ: 2010 up to 2011 MY</b>					
3.0 liter Diesel	R134a	700g ± 25g	JLM 12260	110 ml	
5.0 liter	R134a	700g ± 25g	JLM 12260	110 ml	
5.0 liter SC	R134a	700g ± 25g	JLM 12260	110 ml	
<b>XJ: 2011 up to 2013 MY</b>					
3.0 liter Diesel	R134a	700g ± 25g	JLM 12260	110 ml	
3.0L Gasoline	R134a	750g ± 25g	JLM 12260	140 ml	
5.0 liter	R134a	700g ± 25g	JLM 12260	110 ml	
5.0 liter SC	R134a	700g ± 25g	JLM 12260	110 ml	

Engine/Zone	Refrigerant	Refrigerant Charge Weight	Compressor Lubricant Part Number	Compressor Lubricant Capacity	<u>Notes</u>
<b>XJ: 2013 MY onwards</b>					
3.0 liter Diesel	R134a	700g ± 25g	JLM 12260	110 ml	
GTDi 2.0 liter	R134a	700g ± 25g	JLM 12260	110 ml	
3.0 liter SC	R134a	700g ± 25g	JLM 12260	110 ml	
5.0 liter	R134a	700g ± 25g	JLM 12260	110 ml	
5.0 liter SC	R134a	700g ± 25g	JLM 12260	110 ml	

Engine/Zone	Refrigerant	Refrigerant Charge Weight	Compressor Lubricant Part Number	Compressor Lubricant Capacity	<u>Notes</u>
<b>XK: 1997 up to 2006.5 MY</b>					
Gasoline	R134a	650g ± 50g	JLM 12260	160 – 200 ml	
<b>XK: 2006.5 up to 2010 MY</b>					
Gasoline	R134a	700g ± 25g	JLM 12260	130 ml	
<b>XK: 2010 up to 2013 MY</b>					
Gasoline	R134a	700g ± 25g	JLM 12260	110 ml	
<b>XK: 2013 MY onwards</b>					
Gasoline	R134a	700g ± 25g	JLM 12260	110 ml	

Engine/Zone	Refrigerant	Refrigerant Charge Weight	Compressor Lubricant Part Number	Compressor Lubricant Capacity	<u>Notes</u>
<b>XF: 2008.25 up to 2010 MY</b>					
Diesel	R134a	750g ± 25g	JLM 12260	130 ml	
Gasoline	R134a	750g ± 25g	JLM 12260	130 ml	
<b>XF: 2010 up to 2012 MY</b>					
3.0L Diesel	R134a	750g ± 25g	JLM 12260	110 ml	
3.0L Gasoline	R134a	750g ± 25g	JLM 12260	130 ml	
4.2L Gasoline	R134a	750g ± 25g	JLM 12260	130 ml	
5.0L Gasoline	R134a	750g ± 25g	JLM 12260	110 ml	
<b>XF: 2012 up to 2013 MY</b>					
2.2L Diesel	R134a	700g ± 25g	JLM 12260	110 ml	
3.0L Diesel	R134a	750g ± 25g	JLM 12260	110 ml	
3.0L Gasoline	R134a	750g ± 25g	JLM 12260	130 ml	
5.0L Gasoline	R134a	750g ± 25g	JLM 12260	110 ml	



Engine/Zone	Refrigerant	Refrigerant Charge Weight	Compressor Lubricant Part Number	Compressor Lubricant Capacity	<u>Notes</u>
<b>XF: 2013 MY onwards</b>					
2.2L Diesel	R134a	700g ± 25g	JLM 12260	110 ml	
3.0L Diesel	R134a	750g ± 25g	JLM 12260	110 ml	
GTDi 2.0 liter	R134a	750g ± 25g	JLM 12260	110 ml	
3.0 liter SC	R134a	750g ± 25g	JLM 12260	110 ml	
5.0L SC Gasoline	R134a	750g ± 25g	JLM 12260	110 ml	

Engine/Zone	Refrigerant	Refrigerant Charge Weight	Compressor Lubricant Part Number	Compressor Lubricant Capacity	<u>Notes</u>
<b>S-TYPE: 1999.25 up to 2002.5 MY</b>					
	R134a	800g ± 25g	XR8 3680	207 ml	
<b>S-TYPE: 2002.5 MY onwards</b>					
Gasoline	R134a	750g ± 25g	XR8 3680	207 ml	
Diesel	R134a	700g ± 50g	XR8 3680	207 ml	
<b>X-TYPE: 2001 MY onwards</b>					
Gasoline: see below also	R134a	810g ± 15g	XR8 3680	220 ml	
Gasoline: VIN E88032 onwards	R134a	575g ± 25g			
Diesel	R134a	735g ± 25g	XR8 3680	200 ml	



The illustrations, technical information, data and descriptive text in this issue, to the best of our knowledge, were correct at the time of going to print.

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