







10. The number of plies in both the tread area, and the sidewall area, indicates how many layers of rubber-coated material make up the structure of the tyre. Information is also provided on the type of materials used.
11. Wear rate indicator. A tyre rated at 400, for example, will last twice as long as a tyre rated at 200.
12. The traction rating grades the performance of a tyre when stopping on a wet road surface. The higher the grade, the better the braking performance. The grades, from highest to lowest are; **AA, A, B** and **C**.
13. The maximum load which can be carried by the tyre.
14. Heat resistance grading. The tyres resistance to heat is grade **A, B** or **C**, with **A** indicating the greatest resistance to heat. This grading is provided for a correctly inflated tyre, which is being used within its speed and loading limits.
15. The maximum inflation pressure for the tyre. This pressure should not be used for normal driving. See **188, AVOIDING FLAT SPOTS**.

## SPEED RATING



Rating	Speed km/h (mph)
Q	160 (99)
R	170 (106)
S	180 (112)
T	190 (118)
U	200 (124)
H	210 (130)
V	240 (149)
W	270 (168)
Y	300 (186)


## TYRE CARE


-  **Do not drive the vehicle if a tyre is damaged, excessively worn, or incorrectly inflated.**
-  **Avoid contaminating the tyres with vehicle fluids, as they may cause damage to the tyre.**
-  **Avoid spinning the wheels. The forces released can damage the structure of the tyre and cause it to fail.**
-  **If wheel spin is unavoidable due to a loss of traction (in deep snow, for example), do not exceed 50 km/h (30 mph).**
-  **Do not exceed the maximum pressure stated on the sidewall of the tyre.**
-  **Avoid damaging the TPMS sensor when removing a tyre from the wheel and fitting a tyre to the wheel.**


All of the vehicle's tyres (including the spare) should be checked regularly for damage, wear, and distortion. If you are in any doubt about the condition of a tyre, have it checked immediately by a tyre repair centre or a Dealer/Authorised Repairer.


## TYRE PRESSURES

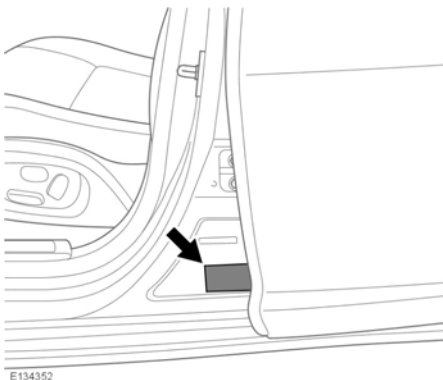
-  **All tyre pressures, including the spare, should be checked regularly using an accurate pressure gauge, when the tyres are cold.**
-  **Pressure checks should be carried out only when the tyres are cold, and the vehicle has been stationary for more than 3 hours. A hot tyre at, or below, recommended cold inflation pressure, is dangerously under-inflated.**

 **Never drive your vehicle if the tyre pressures are incorrect. Under-inflation causes excessive flexing and uneven tyre wear. Over-inflation causes harsh ride, uneven tyre wear, and poor handling.**

 **Do not drive the vehicle with a leaking tyre. Even if the tyre appears to be inflated it could be dangerously under-inflated and will continue to deflate. Replace or contact an approved repairer.**


 **Under-inflation also reduces fuel efficiency and tyre tread life and may affect the vehicle's handling and stopping ability.**

 **If the vehicle has been parked in strong sunlight, or used in high ambient temperatures, do not reduce the tyre pressures. Move the vehicle into the shade and allow the tyres to cool before rechecking the pressures.**



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The recommended tyre pressures are listed on a label located in the left side front door opening.

 **The loading of the vehicle should always be considered when checking and adjusting tyre pressures.**

Check the tyres, including the spare, for condition and pressure on a weekly basis and before long journeys.


If tyre pressures are checked while the vehicle is inside a protected covered area (e.g., a garage) and subsequently driven in lower outdoor temperatures, tyre under-inflation could occur.

A slight pressure loss occurs naturally with time. If this exceeds 0.14bar ( 2 psi, 14 kPa) per week, have the cause investigated and rectified by qualified personnel.

If it is necessary to check tyre pressures when the tyres are warm, you should expect the pressures to have increased by up to 0.3 - 0.4 bar (4 - 6 psi, 30 - 40 kPa). Do not reduce the tyre pressures to the cold inflation pressure under these circumstances. Allow the tyres to cool fully before adjusting the pressures.

The following procedure should be used to check and adjust the tyres pressures:

**Note:** *Make sure the tyre pressures are set for the correct vehicle speed and vehicle load.*

 To avoid damaging the valves, do not apply excessive force or sideways force on the gauge/inflator.

1. Remove the valve cap.
2. Firmly attach a tyre pressure gauge/inflator to the valve.
3. Read the tyre pressure from the gauge and add air, if required.
4. If air is added to the tyre, remove the gauge and re-attach it before reading the pressure. Failure to do so may result in an inaccurate reading.
5. If the tyre pressure is too high, remove the gauge and allow air out of the tyre by pressing the centre of the valve. Refit the gauge to the valve and check the pressure.

6. Repeat the process, adding or removing air as required, until the correct tyre pressure is reached.
7. Refit the valve cap.

<b>Saloon tyre pressures - up to 160 km/h (100 mph)</b>				
	<b>Up to 4 occupants</b>		<b>Maximum Gross vehicle Weight (GVW)</b>	
<b>Tyre size</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>
235/55 R17 99W	2.3 (34, 230)	2.3 (34, 230)	2.3 (34, 230)	2.3 (34, 230)
245/45 R18 100W	2.1 (31, 210)	2.1 (31, 210)	2.2 (32, 220)	2.2 (32, 220)
245/45 R18 100Y	2.1 (31, 210)	2.1 (31, 210)	2.2 (32, 220)	2.2 (32, 220)
245/40 R19 98Y	2.2 (32, 220)	2.2 (32, 220)	2.4 (35, 240)	2.4 (35, 240)
255/35 R20 97Y	2.3 (34, 230)	2.3 (34, 230)	2.5 (36, 250)	2.5 (36, 250)
255/35 ZR20 97Y	2.3 (34, 230)	-	2.3 (34, 230)	-
285/30 ZR20 99Y	-	2.3 (34, 230)	-	2.3 (34, 230)

<b>Saloon tyre pressures - over 160 km/h (100 mph)</b>				
	<b>Up to 4 occupants</b>		<b>Maximum Gross vehicle Weight (GVW)</b>	
<b>Tyre size</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>
235/55 R17 99W	2.3 (34, 230)	2.3 (34, 230)	2.3 (34, 230)	2.3 (34, 230)
245/45 R18 100W	2.6 (38, 260)	2.6 (38, 260)	2.8 (41, 280)	2.8 (41, 280)
245/45 R18 100Y	2.6 (38, 260)	2.6 (38, 260)	2.8 (41, 280)	2.8 (41, 280)
245/40 R19 98Y	2.3 (34, 230)	2.3 (34, 230)	2.6 (38, 260)	2.6 (38, 260)
255/35 R20 97Y	2.3 (34, 230)	2.3 (34, 230)	2.7 (39, 270)	2.7 (39, 270)
255/35 ZR20 97Y	2.4 (35, 240)	-	2.6 (38, 260)	-
285/30 ZR20 99Y	-	2.4 (35, 240)	-	2.6 (38, 260)

Speed pack tyre pressures - up to 160 km/h (100 mph)				
	Up to 4 occupants		Maximum Gross vehicle Weight (GVW)	
Tyre size	Front pressures bar (psi, kPa)	Rear pressures bar (psi, kPa)	Front pressures bar (psi, kPa)	Rear pressures bar (psi, kPa)
255/35 ZR20 97Y	2.3 (34, 230)	-	2.3 (34, 230)	-
285/30 ZR20 99Y	-	2.3 (34, 230)	-	2.3 (34, 230)

Speed pack tyre pressures - over 160 km/h (100 mph)				
	Up to 4 occupants		Maximum Gross vehicle Weight (GVW)	
Tyre size	Front pressures bar (psi, kPa)	Rear pressures bar (psi, kPa)	Front pressures bar (psi, kPa)	Rear pressures bar (psi, kPa)
255/35 ZR20 97Y	2.7 (39, 270)	-	2.9 (42, 290)	-
285/30 ZR20 99Y	-	2.7 (39, 270)	-	2.9 (42, 290)

Sportbrake tyre pressures - up to 160 km/h (100 mph)				
	Up to 4 occupants		Maximum Gross vehicle Weight (GVW)	
Tyre size	Front pressures bar (psi, kPa)	Rear pressures bar (psi, kPa)	Front pressures bar (psi, kPa)	Rear pressures bar (psi, kPa)
235/55 R17 99W	2.5 (36, 250)	2.5 (36, 250)	2.5 (36, 250)	2.5 (36, 250)
245/45 R18 100W	2.3 (33, 228)	2.3 (33, 228)	2.3 (34, 230)	2.3 (34, 230)
245/45 R18 100Y	2.3 (33, 228)	2.3 (33, 228)	2.3 (34, 230)	2.3 (34, 230)
245/40 R19 98Y	2.3 (34, 230)	2.3 (34, 230)	2.5 (36, 250)	2.5 (36, 250)
255/35 R20 97Y	2.3 (34, 230)	2.3 (34, 230)	2.6 (38, 260)	2.6 (38, 260)

<b>Sportbrake tyre pressures - over 160 km/h (100 mph)</b>				
	<b>Up to 4 occupants</b>		<b>Maximum Gross vehicle Weight (GVW)</b>	
<b>Tyre size</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>
235/55 R17 99W	2.5 (36, 250)	2.5 (36, 250)	2.5 (36, 250)	2.5 (36, 250)
245/45 R18 100W	2.7 (39, 270)	2.7 (39, 270)	2.8 (41, 280)	2.9 (43, 290)
245/45 R18 100Y	2.7 (39, 270)	2.7 (39, 270)	2.8 (41, 280)	2.9 (43, 290)
245/40 R19 98Y	2.5 (36, 250)	2.5 (36, 250)	2.6 (38, 260)	2.8 (41, 280)
255/35 R20 97Y	2.6 (38, 260)	2.6 (38, 260)	2.6 (38, 260)	2.8 (41, 280)

<b>XFR-S and Performance/Dynamic Pack tyre pressures - up to 250 km/h (155 mph)</b>				
	<b>Up to 4 occupants</b>		<b>Maximum Gross vehicle Weight (GVW)</b>	
<b>Tyre size</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>
265/35 ZR20 99Y	2.5 (36, 250)	-	2.5 (36, 250)	-
295/30 ZR20 101Y	-	2.5 (36, 250)	-	2.5 (36, 250)

<b>XFR-S and Performance/Dynamic Pack tyre pressures - over 250 km/h (155 mph)</b>				
	<b>Up to 4 occupants</b>		<b>Maximum Gross vehicle Weight (GVW)</b>	
<b>Tyre size</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>
265/35 ZR20 99Y	2.8 (41, 280)	-	3.2 (46, 320)	-
295/30 ZR20 101Y	-	2.8 (41, 280)	-	3.2 (46, 320)

<b>Tyre pressures - temporary use spare tyre - maximum 50 mph (80 km/h)</b>			
<b>Tyre size</b>	<b>Load/speed index</b>	<b>Front pressures bar (psi, kPa)</b>	<b>Rear pressures bar (psi, kPa)</b>
135/80 R18	104M	4.2 (60, 420)	4.2 (60, 420)
135/70 R19	105M	4.2 (60, 420)	4.2 (60, 420)