

PIRELLI PASSENGER & LIGHT TRUCK WARRANTY ADJUSTMENT GUIDE



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WARNING: Driving on tires with improper inflation pressure is dangerous. These situations can cause a tire failure, including tread/belt separation, even at a later date, which could lead to an accident and serious personal injury or death.

Inflation pressure must be checked at least once a month and should be checked only when the tire is cold or before it has been driven. Driving even a short distance (1 mile or 2 to 3 minutes) causes tires to heat up and the air pressure to increase approximately 4 p.s.i. In case it is necessary to adjust the air pressure in tires that have been driven, the air pressure should be increased to a gauge reading of 4 p.s.i. higher than the recommended cold inflation pressure.

For Example Only:

Gauge Reading of Hot Tire:	27 p.s.i.
Recommended Cold Inflation Pressure:	26 p.s.i.
Desired Gauge Reading of Hot Tire:	26 p.s.i. + 4 p.s.i. = 30 p.s.i.
Therefore:	Add 3 p.s.i.

Check the cold inflation pressure on the tires, at least by the next day. Never reduce or "bleed" pressure from hot tires since your tires will then be under inflated when they cool down. Always use a reliable pressure gauge.

3. Tire Replacement

The tires fitted to the vehicle as original equipment were tested and approved by the vehicle manufacturer and the tire manufacturer and take into account all aspects of the vehicle's operation. Changes in the tire size, type or construction should not be made without seeking advice from the vehicle or tire manufacturer or an authorized Pirelli dealer since unapproved tires on the vehicle could adversely affect steering, handling, braking and traction. The tire information (tire size, load index and speed symbol) as found on the vehicle placard or in the owner's manual should always be followed when replacing tires.

The mere passage of time (age) does not cause tires to deteriorate, but rather exposure to outside forces. Such outside forces can include, but are not limited to: road hazards, punctures, improper repairs, misalignment, under inflated operation, over inflated operation, excessive heat caused by over deflected operation, excessive exposure to ozone, improper storage conditions, etc.

Tire companies can only have an impact on a few of these exposures. Tire companies add anti-ozinants and anti-oxidants (anti-degradation compounds) to minimize degradation. Pirelli believes that since there is no way to accurately predict what outside forces a tire will be exposed to there is no scientifically supportable age limit that can be set for tires.

It is strongly recommended that Pirelli tires be mounted in sets of four with the same tread type. Pirelli tires should not be mixed with other tire brands. It is necessary to follow this procedure because different tire constructions have different handling characteristics. Tires on the same axle must be the same manufacturer, brand, tire size, load index, speed rating and Pirelli part number.

When changing only two tires on a vehicle which is homogeneously fitted (four tires of the same tire size), fit the new tires on the rear axle. This applies to all vehicles regardless of their drive axle. (Front or Rear Drive).

Remember on all wheel drive or four wheel drive vehicles the tires must always be replaced in sets of four.

When replacing tires on light truck vehicles, you should always follow the vehicle manufacturer's recommendations. Passenger and light truck tires are not interchangeable, due to differences in their pressures and load carrying capacity.

Please be aware that it is important that, before fitting the suggested tires, the fitment is allowed by the technical specifications of the vehicle, the vehicle manufacturer and the relevant homologations. Pirelli Tire does not express any view as to the compatibility of the wheel/tire combination with the technical specifications for the chassis and vehicle.

TO MAINTAIN PROPER VEHICLE DYNAMICS AND LOAD CARRYING CAPACITY, REPLACEMENT TIRES MUST ALWAYS HAVE A LOAD INDEX AND SPEED SYMBOL EQUAL TO OR GREATER THAN THOSE FITTED AS ORIGINAL EQUIPMENT. When making plus size fitments, you should consult with the dealer regarding any suspension or braking system modifications which may be recommended for the vehicle.

4. Tire Inspection

As a minimum, tires (even the spare tire) should be examined and air pressure checked monthly and always prior to long trips. They should also be examined if you strike any unusual object on the road. Tires showing bulges, cracks, cuts, penetrations or uneven wear must be examined by an authorized Pirelli tire dealer and replaced if necessary. Pirelli tires have treadwear indicators in the tread grooves which show up when the tread has worn to 2/32" remaining. At this point, the tires must be replaced because they are illegal and dangerous.



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