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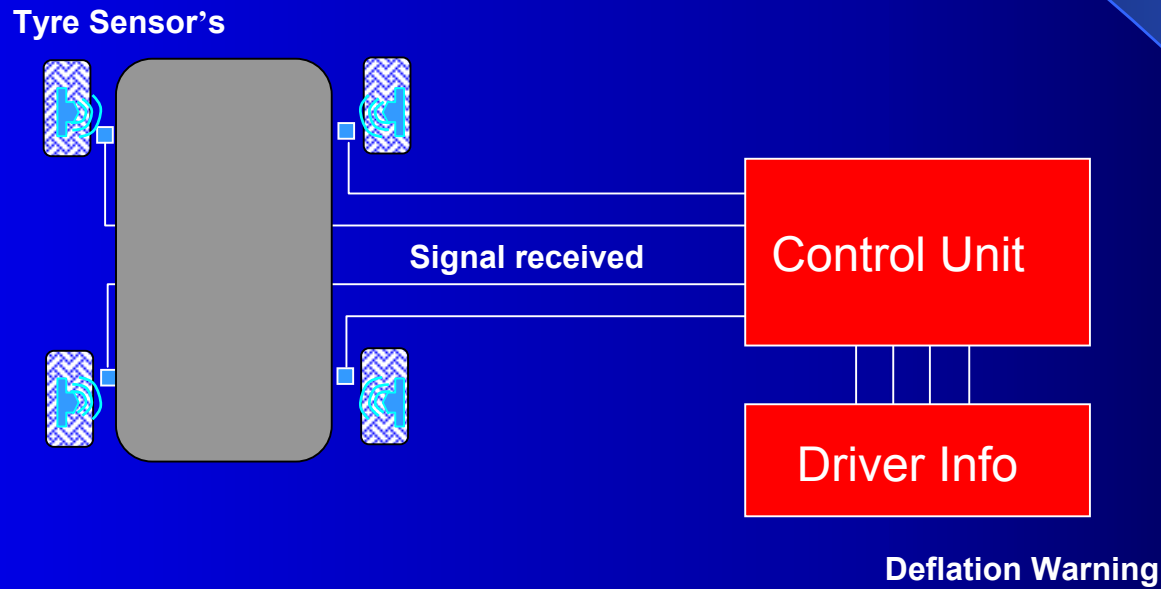
Tyre Pressure Monitoring System (TPMS)
is mandatory when using a run flat tyre !!

There are 2 main systems:

- Pressure monitor, using a sensor inside the wheel
- Pressure monitor, using the ABS system of the car

Pressure monitor, using a sensor inside the wheel

Principle of system:



Advantage:

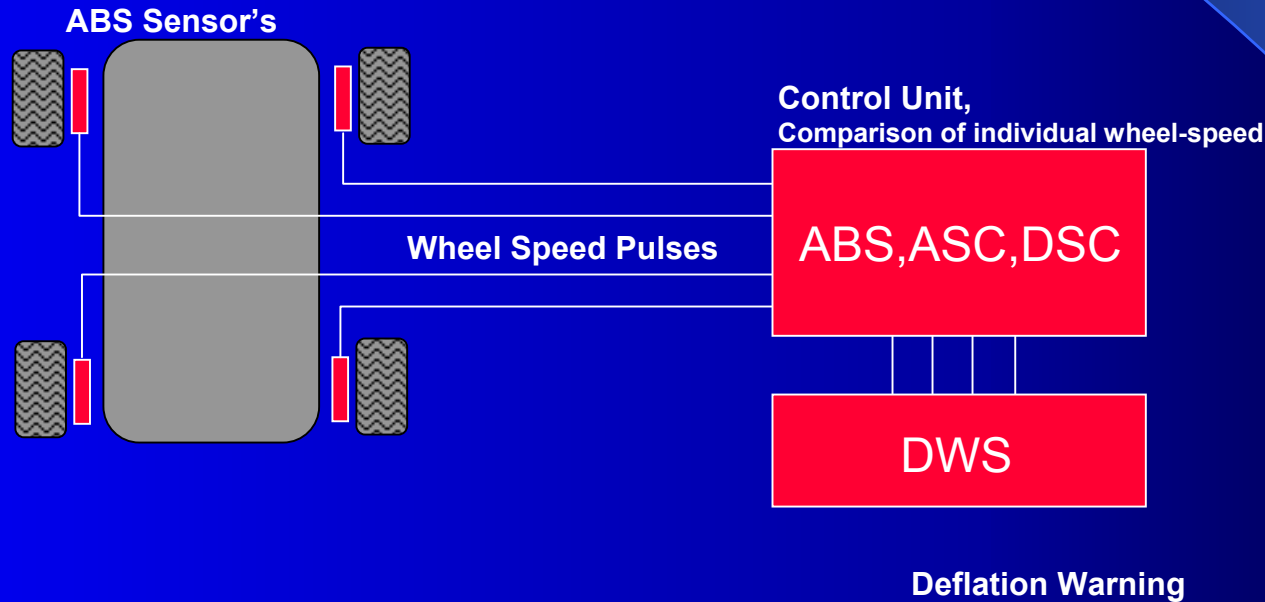
Direct measure of actual pressure.
Immediate warning, no delay.

Disadvantage:

Complex system, Service more comprehensive

Pressure monitor, using the ABS system of the car

Principle of system:



Advantage:

This system uses already available components of the ABS system. Therefore not complicated, easy to service.

Disadvantage:

Actual pressure is calculated not measured

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General:

Bridgestone RFT have to be treated with the same care as any standard tyre.

Key points:

- **Each tyre should be only used at recommended inflation pressure.**
- **Tyres should be only used according for the designed using conditions.**
- **Untrained and inexperienced people should not handle (mount) tyres.**
- **Equipment and tools used should be well maintained and correctly operated.**
- **Storage of tyres should be only in the correct and recommended way.**

Mounting of Bridgestone RFT:

Basically, due to the self-supporting sidewall construction the tyres have a more rigid carcass than regular / standard tyres without RFT technology. But nevertheless, Bridgestone experienced in several tests, the tyres can be handled on same machinery which is capable to mount standard ultra low aspect ratio tyres.

Special care is needed if a Pressure Sensor is mounted inside the wheel.

Specially designed accessories are not needed.

Mounting of RFT:

A few Samples of suitable equipment:





***What happens when the motorist does
have a puncture with his Bridgestone RFT tire?***

Key points:

- **The driver can continue his road for at least 80 km**
- **Look for the nearest service point**
- **Professional assistance is required**

To ensure proper service on this 'currently' new technology, Bridgestone Europe recommends:

- **Service at your nearest car dealer**



- **Service at your nearest RFT Certified Dealer**



- **More than 2000 over Europe (end of 2003)**
- **Individually trained by Bridgestone**
- **List will soon be available on www.bridgestone-eu.com**

FAQ (Frequently Asked Questions):

In case of a puncture on one of my RFT's, can I substitute it with a standard tyre?

Bridgestone does not recommend to mix RFT's & standard tyres. But in case of emergency it is possible to fit a standard tyre to the car. But this can only be a temporary solution for a limited distance. It also must comply with local legal restrictions.

Can Bridgestone RFT's be fitted to any car?

No, Bridgestone does not recommend to fit RFT's to cars which have not been specially designed for. Reason: The driving capabilities under zero pressure needs to be carefully evaluated. Depending on the specific vehicle handling, weight & force contribution the possible speed or distance limits can vary significantly. Additional RFT's demand a working & reliable TPMS (Tyre Pressure Monitoring System) to be installed. But in order to make RFT's available to the masses, major car manufacturer work close together with Bridgestone to introduce more and more of their future models with the option of RFT fitment.

Can Bridgestone RFT's be repaired?

SSR's (Self Supporting Run-Flat tyres) are in principle not possible to be repaired. Reason: During operation after having a puncture the tyre will experience an abnormal stress situation. Depending on driving style, speed, load, distance and road conditions it could generate irreparable damages or weakening of tyre construction which might not be visible from outside. Since safety is a key priority for Bridgestone, it is our recommendation not to repair RFT tyres once the tyre experienced such conditions.

Are RFT's heavier than normal tyres?

Due to the special reinforced sidewall constructions, SSR's in general are about 10-20% heavier. Here a sample: A regular tyre weight's ca. 8-12 kg. Bridgestone RFT's weight's ca. 9.5 - 14kg. This may sound a lot, but looking on the total weight of a single wheel which is about 25kg this increase is only a minor factor. Additional there is practically no spare wheel needed anymore, which clearly is a advantage for the cars total weight.

