



Product adjustment Trailer Control Module (TrCM)

On 01.01.2011 the parking and manoeuvring valve TrCM (Trailer Control Module) was replaced with a technically-modified version. This affects valves manufactured from Week 50 of 2010. The new parking and manoeuvring valve TrCm (Trailer Control Module) no longer possesses the check valve upstream of the spring brake cylinder. With a low measured air reservoir volume, a possible increase in the reservoir volume of approx. 10% should be taken into account. We expressly recommend checking the measured supply volume, taking the vehicle configuration into account.

The following BPW code numbers are affected and will be replaced:

OLD		NEW	
BPW No.	Trailer Control Module	BPW Nr.	Trailer Control Module
02.4320.01.01	TRAILER CONTR. MODULE M.PPV	-> 02.4320.01.05	TrCM O.RSV M.PPV
02.4320.01.02	TRAILER CONTR. MODULE OHNE PPV	-> 02.4320.01.06	TrCM O.RSV U. PPV
02.4320.01.03	TRAILER CONTR. MODULE M.PPV+PTC	-> 02.4320.01.07	TrCM O.RSV M.PPV U. PTC

When using the TrCM+ as a replacement to an older TrCM, there should not be any changes to the requirements for the expected tank sizes.

Trailer Control Module+ for added safety (02.4320.01.09 TRAIL.CONT.MODL+M.PPV)

This new valve is a parking and manoeuvring valve with integrated emergency braking valve for the operational braking system and pressure limit valve for auxiliary consumers (e.g. spring brake) for two-line compressed air braking systems in trailers. The TrCM+ possesses a flange-connected release valve as well as a parking valve for the operating brake and spring brake. "Parking Hold" is a new additional function which causes the operating brake to be released on coupling but the spring brake cylinder to switch to or stay in the brake position. In the case of incorrect operation during coupling, this protects the vehicle against unintentional movement, thus providing a considerable increase in safety for the driver. Before starting driving, the spring brake cylinders must be released manually with the parking valve. In particular, the Trailer Control Module+ fulfils the requirements of the EEC directive 71/320 Brake Systems and ECE regulation R 13.

The additional "Parking Hold" function means that the Trailer Control Module+ continues to unify the functions of double release valve, emergency braking function and pressure limit valve. For the trailer manufacturer, this means that, instead of installing three valves, they now only need to install one. The customer profits from this slimline structure, as installation, maintenance and repair are all simplified.

Get in touch with your BPW contact.