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Synchronizers ASG-3, ASG-410, ASG410+ SPM-D and SPM-D2

Justin Schneider - 2026-07-27 - [SPM-D2](#)

Woodward paralleling controls were developed in the late 19 eightteens.

ASG3 was a backpanel synchronizer mounted on a orange metal plate

replacement was ASG4E3100



ASG410 up to serial number <38495

had a aluminum frontplate with white push buttons



After the ASG410+ was launched with minor differences in wiring. plastic foil frontplate and pushbuttons criss-crossed.



In 2001 Leonhard-Reglerbau was merged with Woodward and the ASG410+ Line was converted into SPM-D



In 2016 the SPM-D2 was introduced which is a 1:1 drop-in replacement



ASG4 & SPM-D replacement partnumbers can be get here:

<https://easygen.org/legacy-product-replacement/>