

AYC (active yaw control)

Outline

AYC is a component system that enhances cornering performance and vehicle stability by controlling the rear wheel torque differential using a torque transfer mechanism in the rear differential.

MMC introduced AYC, the first component system of its type in a production car, in August 1996. Switching from a bevel gear to a planetary gear differential in January 2003 doubled the amount of torque AYC was able to transfer.

