

Service Manual: HYDRAULIC BRAKE ACTUATION

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The adjustable pedal feature uses an electrical motor to adjust the brake and accelerator pedal positions forward and rearward to increase driver comfort. This is accomplished through the use of the adjustable pedal switch, the memory set switch (if equipped) or the RKE transmitter (if equipped).

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System Operation

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Module Network Input Messages - DSM

Broadcast Message	Originating Module	Message Purpose
Personality recall	BCM	This message is sent to the GWM and then to the DSM. When the personality recall command is received, the DSM stores or recalls the associated memory seat position (1, 2 or 3). If a RKE transmitter has been programmed to a memory position, this input is used to recall the associated memory position.
Memory set switch status	DDM	When the memory set switch (1, 2 or 3) is activated, the DDM sends this message to the DSM, which then stores or recalls the associated memory position.

DESCRIPTION AND OPERATION > HYDRAULIC BRAKE ACTUATION - SYSTEM OPERATION AND COMPONENT DESCRIPTION > ADJUSTABLE PEDAL SYSTEM

The adjustable pedal motor directly controls the accelerator pedal through the use of a pinion and worm gear set. The opposite end of the adjustable pedal motor is attached to a cable inside a sleeve, which is