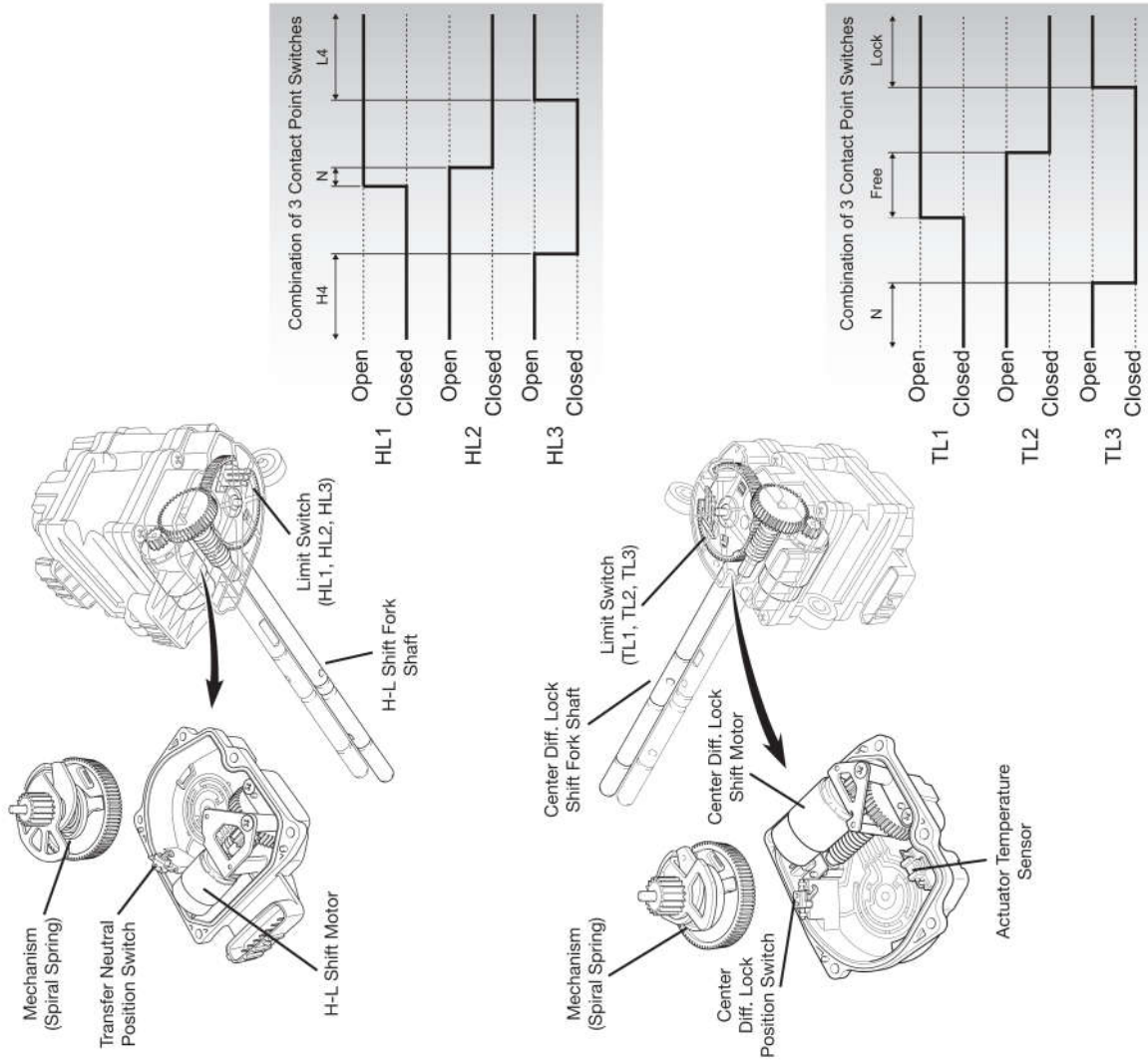
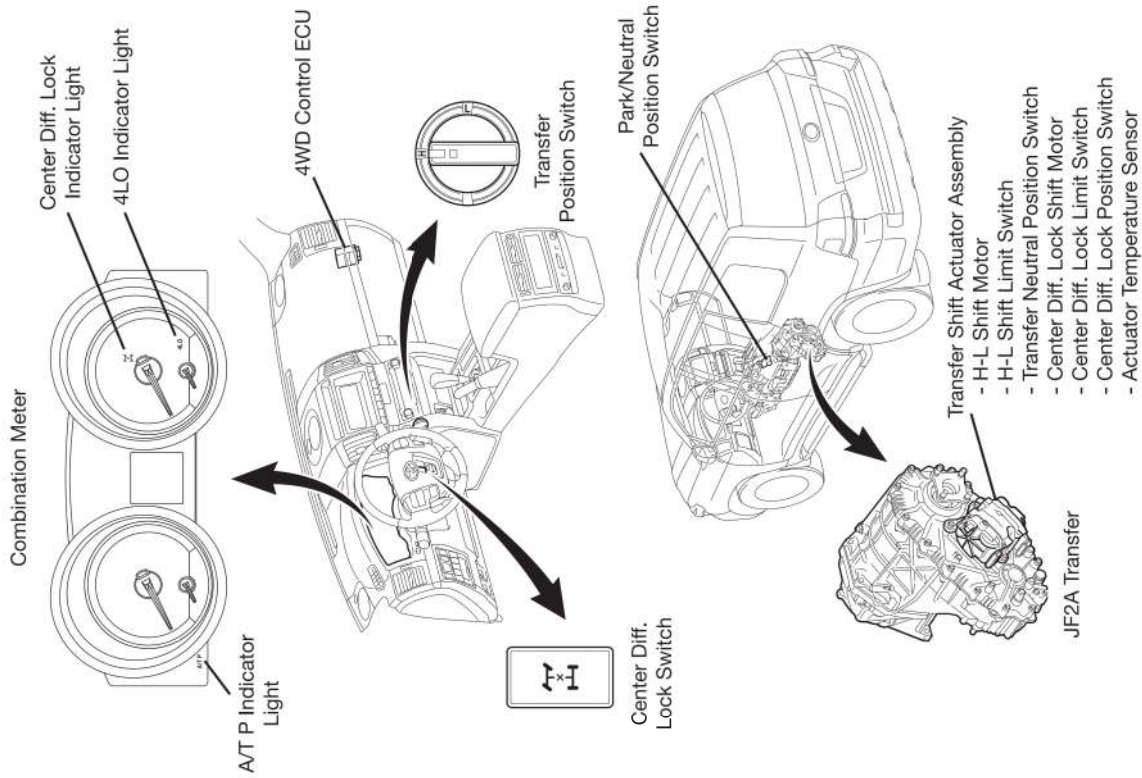


Main Components



Click the tabs at the top to view each section

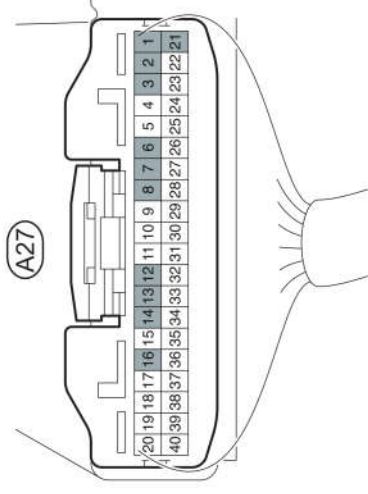
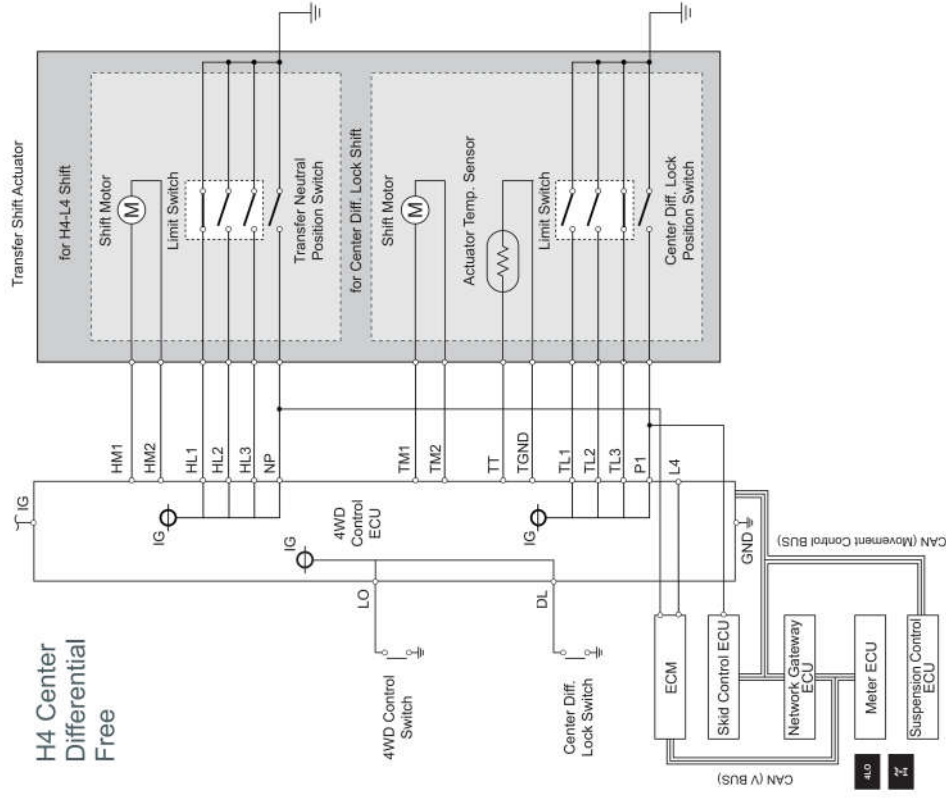
COMPONENTS

H4 CENTER DIFFERENTIAL
FREE

H4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
FREE



Circuit	Pin # A27	H4
LO	13	11-14V
HL1	1	Below 1.5V
HL2	2	11-14V
HL3	3	11-14V
NP	16	11-14V
L4	21	11-14V

Circuit	Pin # A27	Center Diff Free
TL1	6	11-14V
TL2	7	11-14V
TL3	8	Below 1.5V
P1	14	11-14V
DL	12	11-14V

OPERATION FLOW - L4 FREE → H4 FREE

Transfer Position Switch
LO → HI

H-L Shift Motor
Actuate

HL Limit Switches
Operate

Transfer
in HI

4LO Indicator
turn OFF

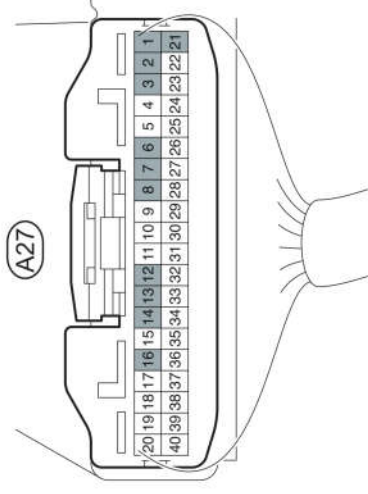
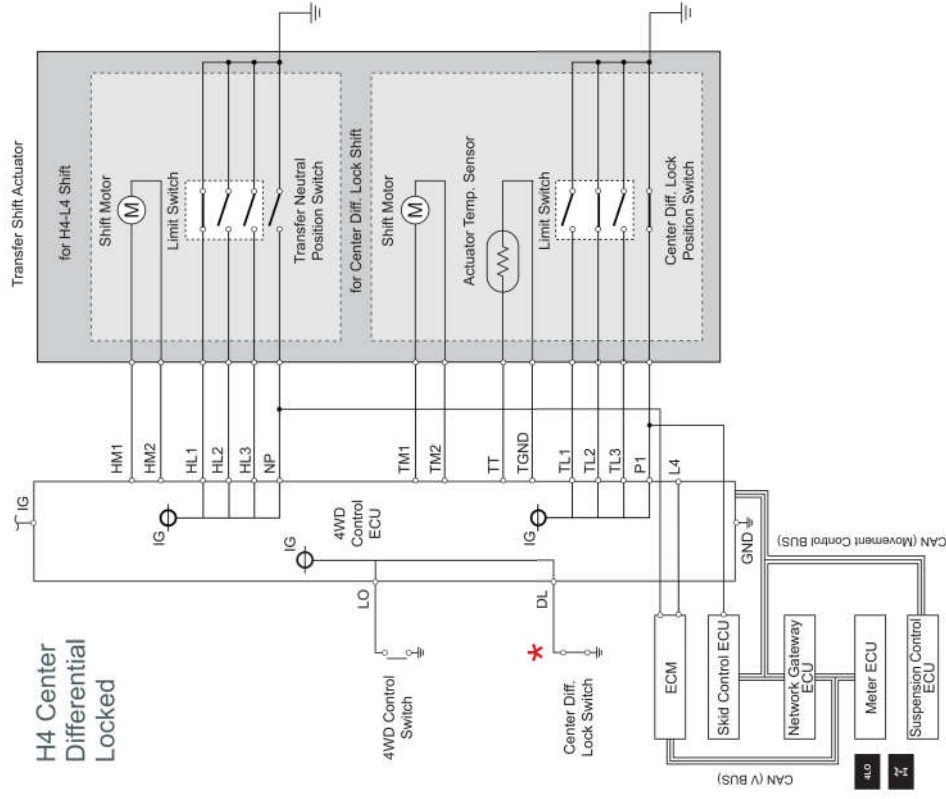
COMPONENTS

H4 CENTER DIFFERENTIAL
FREE

H4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
FREE



Circuit	Pin # A27	H4
LO	13	11-14V
HL1	1	Below 1.5V
HL2	2	11-14V
HL3	3	11-14V
NP	16	11-14V
L4	21	11-14V

Circuit	Pin # A27	Center Diff Lock
TL1	6	11-14V
TL2	7	Below 1.5V
TL3	8	11-14V
P1	14	Below 1.5V
DL	12	Below 1.5V*

* When Pressed

OPERATION FLOW - H4 FREE → H4 LOCKED



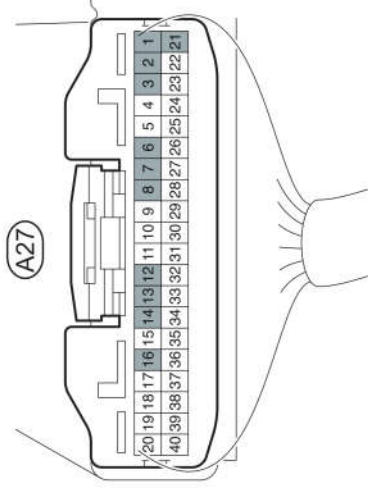
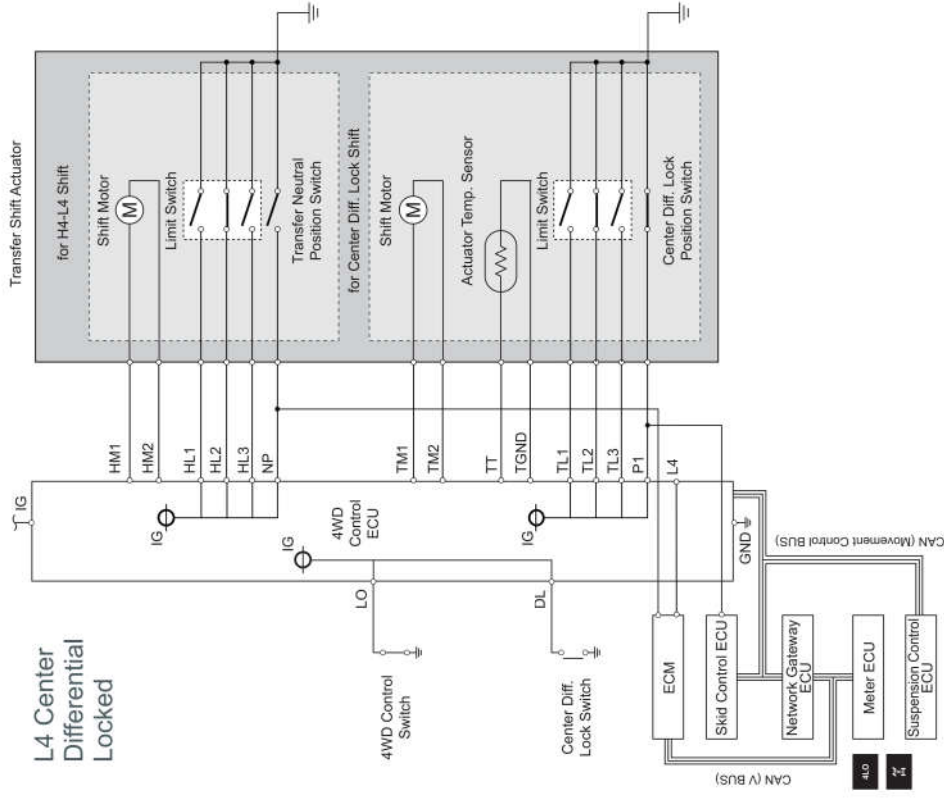
COMPONENTS

H4 CENTER DIFFERENTIAL
FREE

H4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
FREE



Circuit	Pin # A27	L4
LO	13	Below 1.5V
HL1	1	11-14V
HL2	2	Below 1.5V
HL3	3	11-14V
NP	16	11-14V
L4	21	Below 1.5V

Circuit	Pin # A27	Center Diff Lock
TL1	6	11-14V
TL2	7	Below 1.5V
TL3	8	11-14V
P1	14	Below 1.5V
DL	12	11-14V

OPERATION FLOW - H4 LOCKED → L4 LOCKED

Transfer Position Switch
HI → LO

H-L Shift Motor
Actuate

H-L Limit Switches
Operate

Transfer in
Low

4LO Indicator
turn ON

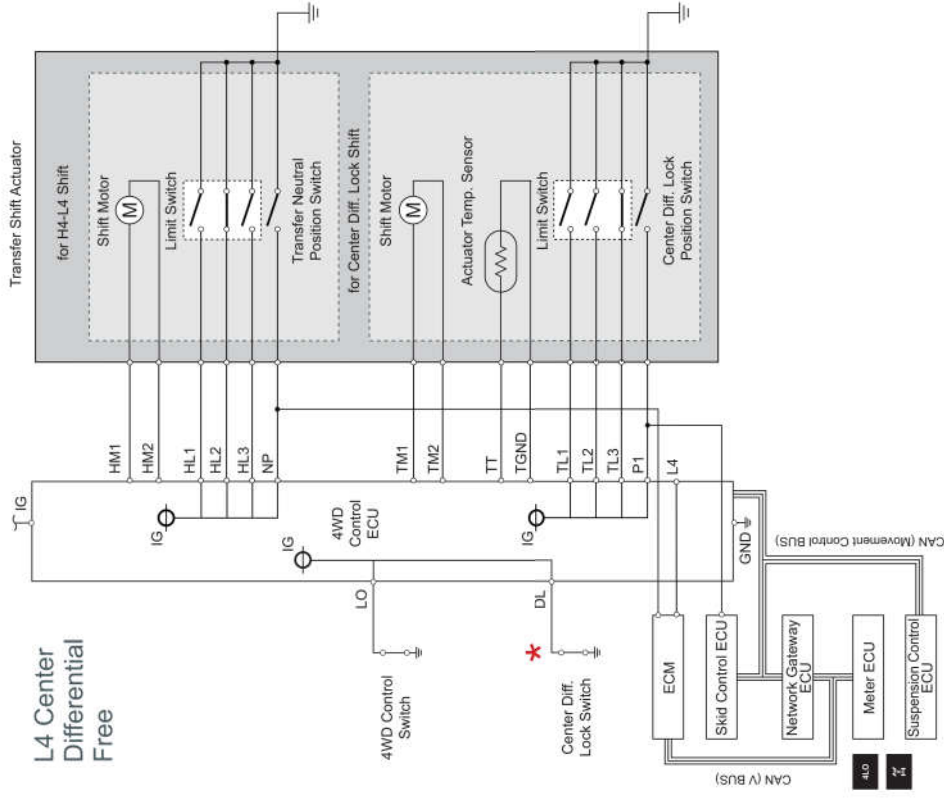
COMPONENTS

H4 CENTER DIFFERENTIAL
FREE

H4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
LOCKED

L4 CENTER DIFFERENTIAL
FREE



* When Pressed

OPERATION FLOW - L4 LOCKED → L4 FREE

Center Diff lock Switch
Pressed

Center diff lock Motor
Actuate

Center diff lock position
Switch Closed

Center diff
Free

Center diff Indicator
turn OFF