

E60 LCI 6HP21 E-Shift					
Pin	Role	Type	Description	Notes	8HP45Z Pin
1	EGS_MGA 0.5 Black	M	Shift Indicator lighting	Gear Indicator lighting (3 Series only)	4
2	PT_CAN_L 0.5 Yellow	I/O	Signal PT-CAN low	CAN-bus connector	6
3	Bus-PA K-LINE 0.5 Gray	I/O	Bus-PA K-LINE from CAS Pin 30	Bus-PA K-LINE from CAS3+ (No Comfort access)	3
4	EGS_DOWN 0.5 Yellow/White	I	Signal, Steptronic downshift	Steptronic shift	Ground 14
5	EGS_UP 0.5 Yellow/Red	I	Signal, Steptronic upshift	Steptronic shift	10
6	PT_CAN_H 0.5 Black/Blue	I/O	Signal PT-CAN high	CAN-bus connector	5
7	SLOCK+ 0.5 Yellow	O	Shift lock selector lever lock, positive	Shift lock selector lever lock. M-Shift only	
8	M_LIN 0.5 White or violet	I	Gear Selector Switch LIN Pin 8	Gear Selector Switch LIN Pin 8	4
9	15WUP 0.5 Green	I	Wake-up signal, terminal 15	Connector, terminal 15 wake-up signal	9
10	P/N 0.35 Yellow	I	Signal, parked position	Car Access System CAS3+ Pin 41	1
11	SLOCK- 0.5 Yellow/White	O	Shift lock selector lever lock, negative	Shift lock selector lever lock- M-shift only	
12			Not used		
13	31L 1.0 Brown	M	Ground	Ground connector	14
14	30G<84 1.5 Red/yellow	I/O	Supply, Terminal 30G	Fuse F84	13
15	ILOCK 0.5 Gray		Not used	Only Interlock 3 Series M-Shift lever	
16	31L 1.0 Brown	M	Ground	Ground connector	14

8HP45Z				
Pin	Role	Type	Description	Notes
1	P/N 0.35 Blue/Black		Signal, parked position	Car Access System CAS3+ Pin 41
2				
3	PA_BUS	I/O		CAS3+
4	M_LIN 0.5 Blue or Yellow		M_LIN Signal	Electronic Gear Shifter M_LIN Signal
5	PT_CAN_H 0.5 Black	I/O	PT_CAN High	Powertrain CAN bus High
6	PT_CAN_L 0.5 Yellow	I/O	PT_CAN Low	Powertrain CAN bus Low
7				
8				
9	15WUP 0.35 Green		Wakeup signal	Wakeup signale from CAS
10	WIPPE+/- S_SP 0.35 Gray		Signal SP WIPPE+/- Steering column	S_SP WIPPE+/- Signal. Shift paddle signal
11				
12				
13	kl.30G 1.5 Red		30G Supply	Supply
14	Kl.31 1.5 Brown		Ground	Ground
15				
16				