

Pin numbers are indicated on the back of the connectors (on the vehicle side, not the light assembly)

The "low beam flap" is a mechanism in the low beam lense assy. that opens when the high beam is on.

2006

Conector	Pin#	Wire Color	Description
Only one 16-pin round connector for all lights	1	Brown	- front parking light & side parking light
	2	(L) Gray/Green, (R) Gray/Blue	+ front parking light
	3	(L) Blue/Green, (R) Blue/Brown	+ signal light
	4	blank	blank (wire present on vehicle side, but not on headlight connector)
	5	White/Black	+ low beam flap
	6	Brown	- low beam flap
	7	(L) Gray/Green, (R) Gray/Blue	+ side parking light
	8	blank	blank
	9	Brown	- low beam
	10	(L) White/Green, (R) Yellow/Blue	+ high beam
	11	(L) Yellow Green, (R) White Blue	+ low beam
	12	Brown	- high beam & signal light
	13	blank	blank
	14	blank	blank
	15	blank	blank
	16	blank	blank

2004 Xenon

Connector	Pin	Wire Color	Description
9-pin headlight	1	blank	blank
	2	blank	blank
	3	White/Purple	unknown, less than +12V from vehicle when ignition on, goes to xenon controller
	4	Green/Red	unknown, +12V when ignition on, goes to xenon controller
	5	White/Black	+ low beam flap
	6	(L) Yellow/Green, (R) White/Blue	+ low beam
	7	Brown	- low beam & low beam flap
	8	Brown	- high beam
	9	(L) White/Green, (R) Yellow/Blue	+ high beam
4-pin headlight			no wires from this connector used when concerting to 2006 lights
2-pin front parking light		(L) Grey/Green, (R) Gray/Blue	+ front parking light
		Brown	- front parking light
2-pin signal light		(R) Blue/Green, (L) Blue/brown	+ signal light
		Brown	- signal light
2-pin side parking light		(L) Gray/Green, (R) Gray/Blue	+ side parking light
		Brown	- side parkign light

Note: Pin 5 can be connected to pin 9 to allow the low beam flap to activate when high beam on.