

Metering Compatibility of Nikon Bodies and Lenses

08/19/01		Models of Lenses						
		* Electronic ***** New *****		**** Transitional ****		** Old (before & after) **		
		Series G	Autofocus	Series E	AI-S	Original AI	Earlier Models (<'77)	
		(since '00)	(since '86)	('79 - '86)	(since '81)	('77-'81)	Original	Converted
ADR	Dates							
<i>Electronic Only</i>								
N65	no 2000 -	OK	OK	No meter	No meter	No meter	Unconverted lenses should not be mounted	No meter (1)
N80	no 2000 -	OK	OK	No meter	No meter	No meter		No meter (1)
N60	no 1998 -2000	OK	OK	No meter	No meter	No meter		No meter (1)
N50	no 1991 -1998	OK	OK	No meter	No meter	No meter		No meter (1)
N5005	no 1991 -1994	OK	OK	No meter	No meter	No meter		No meter (1)
N4004, N4004s	no 1987 -1991	OK	OK	No meter	No meter	No meter		No meter (1)
<i>**** New ****</i>								
FM3A	yes 2001 -	(note 2)	OK	OK	OK	OK	Unconverted lenses should not be mounted because the metering tab on the body could be damaged	OK
D1, D1H, D1X	no 2000 -	OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
F100	no 1999 -	OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
FM10	no 1998 -	(note 2)	OK	OK	OK	OK		OK
F5	yes 1996 -	OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
N70	no 1994 -1999	OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
N90, N90s	no 1992 -	OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
N6000, N6006	no 1990 -1998	6006 is OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
N8008, N8008s	no 1988 -1994	OK	OK	OK (3)	OK (3)	OK (3)		OK (3)
N2000, N2020	no 1985 -1990	2020 is OK	OK	OK	OK	OK		OK
FA	yes 1983 -1987	No control over	OK	OK	OK	No hi prog.		OK
FE2	yes 1983 -1987	aperture setting	OK	OK	OK	OK		OK
FM2, FM2n	yes 1982 -	(note 2)	OK	OK	OK	OK		OK
FG, FG-20	no 1982 -1987		OK	OK	OK	OK		OK
EM	no 1979 -1983		OK	OK	OK	OK	OK	
<i>** Transitional **</i>								
F4, F4S	yes 1988 -1998	No control over	OK	OK (5)	OK (5)	OK (5)	Flip up metering tab to install lens. Meter by "stop-down" method	OK (6)
F3, F3HP	yes 1980 -	the	OK	OK	OK	OK		OK
FE	yes 1978 -1982	aperture setting	OK	OK	OK	OK		OK
F2A, F2AS	yes 1977 -1980	(note 2)	OK	OK	OK	OK		OK
FM	yes 1977 -1981		OK	OK	OK	OK		OK
EL2	no 1977 -1980		OK	OK	OK	OK		OK
Nikkormat FT3	no 1977 -1978		OK	OK	OK	OK		OK
<i>**** Old ****</i>								
ikkormat EL, EL1	no 1972 -1977	No control over	Meter using	Meter using	OK	OK	OK	OK (8)
F2, F2S, F2SB	no 1971 -1977	aperture (note 2)	stop-down method (7)	stop-down method (7)	OK	OK	OK	OK (8)
l'mat FT, FTN, FT	no 1965 -1977				OK	OK	OK	OK (8)
F Photomics	no 1962 -1974				OK	OK	OK	OK (8)
Identifying features of Nikon lenses:	Aper. scale:	None	Dual	Dual	Dual	Dual (9)	Single	Single (10)
	Min. Aper.:	None	Orange	Orange	Orange	Not orange	Not orange	Not orange
	Mount flange:	Divot	Divot	Divot	Divot	No Divot	No Divot	No Divot
ADR=Aperture Data Reader	Meter yoke:	No yoke	No yoke	No yoke	2 holes (9)	2 holes (9)	No holes	No holes (10)

Notes (see your instruction manual(s) for specific information, especially for use of dedicated flashes, teleconverters, extens tubes and unusual lenses or other lens attachments):

- (1) These bodies use only an electronic coupling system with a slightly different mechanical interface. My normal conversion does not to be mounted. The additional work required is \$10 extra if requested at the time of your original order. Note that there will be no ambie any lenses other than autofocus models (or the few special manual ones that have a CPU inside).
- (2) The Series G lenses do not have a mechanical aperture ring. They will fit on all bodies but must be used wide open on non-AF moc
- (3) Manual operation and aperture priority automation only (spot metering is usually maintained on bodies so equipped). No Matrix Met exposure or shutter-priority automation since they need the chip used in the AF lenses (and a few special manual focus models).
- (4) No AMP metering or high speed programming nor will the aperture setting appear as an LCD readout.
- (5) No programmed exposure or shutter-priority automation.
- (6) No Matrix Metering, programmed exposure or shutter-priority automation. Spot metering is generally maintained.
- (7) I can modify these newer lenses to also work on the older bodies by installing the familiar meter coupling yoke. I call this a "retrocon The price is the same as a the standard AI conversion and I can convert lenses of other brands as well. The usual charges for return s
- (8) If you are willing to stop-down to meter or do not anticipate using older bodies at all, the meter coupling shoe can be removed for a I will do this if you ask. The shoe will be returned in case you do need it someday.
- (9) An original AI lens can be identified by a post or thicker area in the black baffle which protects the rear element. AI lenses cannot b (there are internal differences that cannot be duplicated).
- (10) Lenses converted by Nikon received a new aperture ring that does have dual scales and holes in the yoke. Nevertheless, my conv equivalent in all functional aspects.

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