

“Set messa in fase motori BMW 2.0d, 3.0d Diesel N47, N47S, N57 a catena”

Rev. 22020

FG 192/BW4

PRODOTTI ASSOCIATI:



FG 192/BW4B



FG 192/BW16



FG 192/BW3



FG 192/BW4E



FASATURA MOTORE

AVVERTENZE



FARE SEMPRE RIFERIMENTO ALLE ISTRUZIONI DEL COSTRUTTORE DEL VEICOLO E AL MANUALE DEL VEICOLO PER CONOSCERE I DATI E LE PROCEDURE DA UTILIZZARE. IL PRESENTE DOCUMENTO E' DA CONSIDERARSI A PURO TITOLO INDICATIVO.



UTILIZZARE SEMPRE ADEGUATI GUANTI PROTETTIVI.



UTILIZZARE SEMPRE ADEGUATI OCCHIALI DI PROTEZIONI



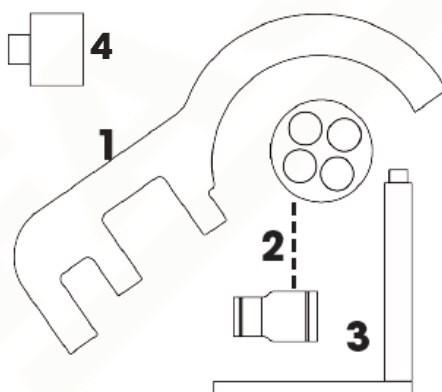
ATTENZIONE

La sincronizzazione sbagliata o fuori fase del motore può danneggiare le valvole. L'uso di questi utensili di messa in fase è esclusivamente a discrezione dell'utilizzatore e, la Fasangas S.r.l. non può essere considerata responsabile di eventuali danni al motore causati dall'utilizzo di questi utensili.

IMPORTANTI PRECAUZIONI DI SICUREZZA:

- Staccare sempre il cavo a massa della batteria (verificare se è disponibile il codice radio).
- NON girare l'albero motore o l'albero a camme con la cinghia / catena di distribuzione smontata.
- Togliere le candele di accensione per far girare più facilmente il motore.
- Girare sempre il motore nel senso normale di rotazione (salvo indicazione contraria).
- NON girare il motore agendo sull'albero a camme o su altri pignoni.
- Rispettare tutte le coppie di serraggio.
- NON utilizzare mai liquidi detergenti su cinghie, rulli

DESCRIZIONE DEL CONTENUTO



RIF.	Codice OEM	UTILIZZO
1	11 8 760	Attrezzo di allineamento alberi a camme
2	11 6 480	Attrezzo per la rotazione puleggia albero motore
3	11 5 320	Perno di fasatura volano/piastra di comando
4	11 8 740	Attrezzo di smontaggio pignone pompa del carburante ad alta pressione

APPLICAZIONI

BMW

ATTREZZI	MODELLO	kW (hp)	COD. MOTORE	MOTORE	
1, 2, 3, 4	116d (2008 – 2012)	85 (116) 4000	N47 D20A/K0	2,0	D
1, 2, 3, 4	118d (2007 – 2013)	100 (136) 4000	N47 D20A	2,0	D
1, 2, 3, 4	118d (2007 – 2013)	105 (143) 4000	N47 D20A	2,0	D
1, 2, 3, 4	120d (2007 – 2013)	120 (163) 4000	N47 D20A	2,0	D
1, 2, 3, 4	120d (2007 – 2013)	130 (177) 4000	N47 D20A	2,0	D
1, 2, 3, 4	123d (2007 – 2008)	150 (204) 4400	N47S D20B/D/T0	2,0	D
1, 2, 3, 4	123d (2008 – 2013)	150 (204) 4400	N47S D20B/D/T0	2,0	D
1, 2, 3, 4	114d (2012 – 2015)	70 (95) 4000	N47 D16C	2,0	D
1, 2, 3, 4	118d/xDrive (2012 – 2015)	100 (136) 4000	N47 D20C	2,0	D
1, 2, 3, 4	116d (2011 – 2013)	85 (116) 4000	N47 D20C/K1	2,0	D
1, 2, 3, 4	118d (2011 – 2013)	105 (143) 4000	N47 D20C/U1	2,0	D
1, 2, 3, 4	120d/xDrive (2011 – 2013)	120 (163) 4400	N47 D20C	2,0	D
1, 2, 3, 4	120d/xDrive (2012 – 2015)	147 (200) 4000	N47 D20C	2,0	D
1, 2, 3, 4	120d/xDrive (2011 – 2013)	135 (184) 4000	N47 D20C/O1	2,0	D
1, 2, 3, 4	120d/xDrive (2011 – 2013)	120 (163) 4400	N47 D20C	2,0	D
1, 2, 3, 4	218d (2014 – 2015)	100 (136) 4000	N47 D20C	2,0	D
1, 2, 3, 4	218d (2014 – 2015)	105 (143) 4000	N47 D20C	2,0	D
1, 2, 3, 4	220d (2014 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	220d (2014 – 2015)	147 (200) 4000	N47 D20C	2,0	D
1, 2, 3, 4	225d (2014 – 2015)	160 (218) 4400	N47 D20D	2,0	D
1, 2, 3, 4	220d (2014 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	316d (2009 – 2012)	85 (116) 4000	N47 D20A/0U0	2,0	D
1, 2, 3, 4	316d (2010 – 2012)	85 (116) 4000	N47T D20K1	2,0	D
1, 2, 3, 4	318d (2007 – 2012)	105 (143) 4000	N47 D20A	2,0	D
1, 2, 3, 4	318d (2007 – 2012)	105 (143) 4000	N47 D20A	2,0	D
1, 2, 3, 4	318d (2007 – 2012)	100 (136) 4000	N47 D20U0	2,0	D
1, 2, 3, 4	318d (2010 – 2012)	100 (136) 4000	N47T D20U1	2,0	D
1, 2, 3, 4	318d (2010 – 2012)	105 (143) 4000	N47T D20U1	2,0	D
1, 2, 3, 4	320d (2007 – 2012)	130 (177) 4000	N47 D20A	2,0	D
1, 2, 3, 4	320d (2010 – 2013)	135 (184) 4000	N47T D20O1	2,0	D
1, 2, 3, 4	320d (2010 – 2012)	120 (163) 3500	N47T D20O1	2,0	D
1, 2, 3, 4	316d (2012 – 2013)	85 (116) 4000	N47 D20C/K1	2,0	D
1, 2, 3, 4	318d (2012 – 2013)	105 (143) 4000	N47 D20C/U1	2,0	D
1, 2, 3, 4	320d (2012 – 2013)	120 (163)	N47 D20C/O	2,0	D
1, 2, 3, 4	320d/xDrive (2012 – 2013)	135 (184) 4000	N47D20C/O1	2,0	D
1, 2, 3, 4	325d (2013 – 2015)	160 (218) 4000	N47 D20D/T1	2,0	D
1, 2, 3, 4	318d/xDrive (2013 – 2015)	105 (143) 4000	N47 D20C	2,0	D
1, 2, 3, 4	320d (2013 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	320d/xDrive (2013 – 2015)	120 (163) 4400	N47 D20C	2,0	D
1, 2, 3, 4	320d/xDrive (2013 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	320d/xDrive (2013 – 2015)	147 (200) 4000	N47 D20C	2,0	D
1, 2, 3, 4	325d (2013 – 2015)	160 (218) 4000	N47 D20D	2,0	D
1, 2, 3, 4	420d (2014 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	420d (2013 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	420d/xDrive (2013 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	425d (2013 – 2015)	160 (218) 4000	N47	2,0	D

BMW

ATTREZZI	MODELLO	kW (hp)	COD. MOTORE	MOTORE	
1, 2, 3, 4	418d (2014 – 2015)	105 (143) 4000	N47 D20C	2,0	D
1, 2, 3, 4	420d (2014 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	420d/xDrive (2014 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	425d (2014 – 2015)	160 (218) 4000	N47	2,0	D
1, 2, 3, 4	520d (2007 – 2010)	130 (177) 4000	N47 D20A	2,0	D
1, 2, 3, 4	520d (2011 – 2013)	135 (184) 4000	N47 D20O1	2,0	D
1, 2, 3, 4	520d (2011 – 2013)	147 (200) 4000	N47 D20C/01	2,0	D
1, 2, 3, 4	520d/xDrive (2013 – 2015)	135 (184) 4000	N47 D20C/01	2,0	D
1, 2, 3, 4	525d/xDrive (2011 – 2015)	155 (211) 4400	N47 D20D/T1	2,0	D
1, 2, 3, 4	525d/xDrive (2011 – 2013)	160 (218) 4400	N47 D20D	2,0	D
1, 2, 3, 4	sDrive16d (2012 – 2015)	85 (116) 4000	N47 D20C	2,0	D
1, 2, 3, 4	sDrive18d (2011 – 2015)	100 (136) 4000	N47 D20C	2,0	D
1, 2, 3, 4	sDrive18d (2011 – 2015)	105 (143) 4000	N47D20C	2,0	D
1, 2, 3, 4	sDrive18d (2012 – 2015)	105 (143) 4000	N47 D20C	2,0	D
1, 2, 3, 4	sDrive18d (2009 – 2013)	105 (143) 4000	N47 D20U0	2,0	D
1, 2, 3, 4	sDrive20d (2012 – 2013)	135 (184) 4400	N47 D20C	2,0	D
1, 2, 3, 4	sDrive20d (2009 – 2012)	130 (177) 4000	N47 D20O0	2,0	D
1, 2, 3, 4	sDrive20d (2011 – 2013)	120 (163) 4400	N47 D20C	2,0	D
1, 2, 3, 4	xDrive18d (2011 – 2015)	100 (136) 4000	N47 D20C	2,0	D
1, 2, 3, 4	xDrive18d (2009 – 2013)	105 (143) 4000	N47 D20U0	2,0	D
1, 2, 3, 4	xDrive20d (2011 – 2013)	120 (163) 4000-4400	N47 D20C	2,0	D
1, 2, 3, 4	xDrive20d (2012 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	xDrive20d (2012 – 2015)	135 (184) 4000	N47 D20C	2,0	D
1, 2, 3, 4	xDrive20d (2009 – 2012)	130 (177) 4000	N47 D20O0	2,0	D
1, 2, 3, 4	xDrive23d (2009 – 2012)	150 (204) 4400	N47S D20D/T0	2,0	D
1, 2, 3, 4	xDrive25d (2012 – 2013)	160 (218) 4000-4400	N47 D20D	2,0	D
1, 2, 3, 4	X3 (2007 – 2008)	130 (177) 4000	N47 D20A	2,0	D
1, 2, 3, 4	xDrive 20d (2008 – 2010)	130 (177) 4000	N47 D20A	2,0	D
1, 2, 3, 4	xDrive18d (2009 – 2010)	100 (136) 4000	N47 D20A/O0	2,0	D
1, 2, 3, 4	xDrive18d (2009 – 2010)	105 (143) 4000	N47 D20A/O0	2,0	D
1, 2, 3, 4	sDrive18d (2011 – 2014)	100 (136) 4000	N47 D20C	2,0	D
1, 2, 3, 4	sDrive18d (2012 – 2014)	105 (143) 4000	N47 D20C	2,0	D
1, 2, 3, 4	xDrive20d (2011 – 2014)	120 (163) 4000	N47 D20C	2,0	D
1, 2, 3, 4	xDrive20d (2011 – 2013)	135 (184) 4000	N47 D20O1	2,0	D
1, 2, 3, 4	xDrive20d (2011 – 2014)	135 (184) 4000	N47 D20O1	2,0	D
1, 2, 3, 4	sDrive 25d (2013 – 2015)	160 (218) 4400	N47 D20D	2,0	D
1, 2, 3, 4	sDrive 25d (2014 – 2015)	160 (218) 4400	N47 D20D	2,0	D
1, 2, 3, 4	xDrive 25d (2013 - 2015)	160 (218) 4400	N47 D20D	2,0	D
1, 2, 3, 4	325d (E90/91/92/93) (2010 – 2013)	150 (204) 3750	N57 D30U0	3,0	D
1, 2, 3, 4	330d (E90/91/92/93) (2008 – 2013)	180 (245) 4000	N57 D30A/O0	3,0	D
1, 2, 3, 4	330d/xDrive (2014 – 2015)	190 (258) 4000	N57 D30A	3,0	D
1, 2, 3, 4	335d xDrive (2014 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	330d/xDrive (2014 – 2015)	190 (258) 4000	N57 D30A	3,0	D
1, 2, 3, 4	335d xDrive (2014 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	430d/xDrive (F33) (2014 – 2015)	190 (258) 4000	N57 D30A	3,0	D
1, 2, 3, 4	435d xDrive (F33) (2014 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	430d/xDrive (F32) (2013 – 2015)	190 (258) 4000	N57 D30A	3,0	D
1, 2, 3, 4	435d xDrive (F32) (2013 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	430d/xDrive (2014 – 2015)	190 (258) 4000	N57 D30A	3,0	D

BMW

ATTREZZI	MODELLO	kW (hp)	COD. MOTORE	MOTORE	
1, 2, 3, 4	435d xDrive (F36) (2014 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	525d (F10/11) (2010 – 2012)	150 (204) 4000	N57 D30UO	3,0	D
1, 2, 3, 4	530d (F10/11) (2010 – 2013)	180 (245) 4000	N57 D30O0	3,0	D
1, 2, 3, 4	530d/xDrive (F10/11) (2011 – 2013)	190 (258) 4000	N57 D30O1	3,0	D
1, 2, 3, 4	535d (F10/11) (2013 – 2015)	230 (313) 4400	N57 D30B/T1	3,0	D
1, 2, 3, 4	535d (F10/11) (2010 – 2013)	220 (299) 4400	N57 D30TO	3,0	D
1, 2, 3, 4	535d/xDrive (F10/11) (2011 – 2013)	230 (313) 4400	N57 D30B/TO	3,0	D
1, 2, 3, 4	530d/xDrive GT (2009 – 2012)	180 (245) 4000	N57 D30A0/O0	3,0	D
1, 2, 3, 4	530d/xDrive GT (2009 – 2012)	155 (211) 4000	N57 D30O0	3,0	D
1, 2, 3, 4	535d/xDrive GT (2010 – 2012)	220 (299) 4400	N57 D30TO	3,0	D
1, 2, 3, 4	640d/xDrive (2011 – 2013)	230 (313) 4400	N57 D30B/TO	3,0	D
1, 2, 3, 4	730d (F01/02/04) (2008 – 2012)	180 (245) 4000	N57 D30A	3,0	D
1, 2, 3, 4	740d/xDrive (2009 – 2012)	225 (306) 4000	N57 D30T0	3,0	D
1, 2, 3, 4	750d xDrive (2012 – 2015)	280 (381) 4000-4400	N57 D30C	3,0	D
1, 2, 3, 4	xDrive30d (2011 – 2013)	155 (211) 4000	N57 D30O1	3,0	D
1, 2, 3, 4	xDrive30d (2011 – 2013)	190 (258) 4000	N57 D30O1	3,0	D
1, 2, 3, 4	xDrive35d (2011 – 2013)	230 (313) 4400	N57 D30B/TO	3,0	D
1, 2, 3, 4	xDrive30d (2014 – 2015)	190 (258) 4000	N57 D30A	3,0	D
1, 2, 3, 4	xDrive35d (2014 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	xDrive 30d (2010 – 2013)	180 (245) 4000	N57 D30O0	3,0	D
1, 2, 3, 4	M50d xDrive (2013 – 2015)	280 (381) 4000-4400	N57 D30C	3,0	D
1, 2, 3, 4	xDrive 30d (2013 – 2015)	190 (258) 4000	N57 D30A	3,0	D
1, 2, 3, 4	xDrive 30d (2013 – 2015)	210 (286) 4000	N57 D30A	3,0	D
1, 2, 3, 4	xDrive 40d (2013 – 2015)	230 (313) 4400	N57 D30B	3,0	D
1, 2, 3, 4	xDrive30d (2010 – 2013)	180 (245) 4000	N57 D30O0	3,0	D
1, 2, 3, 4	xDrive40d (2010 – 2013)	225 (306) 4400	N57 D30T0	3,0	D
1, 2, 3, 4	xDrive40d (2010 – 2014)	225 (306) 4400	N57 D30T0	3,0	D

MINI

ATTREZZI	MODELLO	kW (hp)	COD. MOTORE	MOTORE	
1, 2, 3	Cooper D (2010 – 2013)	82 (112) 4000	N47 C16U1	1,6	D
1, 2, 3	One D (2010 – 2013)	66 (90) 4000	N47 C16K1	1,6	D
1, 2, 3	Cooper D (2011 – 2013)	82 (112) 4000	N47 C20K1	2,0	D
1, 2, 3	Cooper SD (2011 – 2013)	100 (136) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper SD (2011 – 2013)	105 (143) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper D (2010 – 2013)	82 (112) 4000	N47 C16U1	1,6	D
1, 2, 3	One D (2010 – 2013)	66 (90) 4000	N47 C16K1	1,6	D
1, 2, 3	Cooper D (2011 – 2013)	82 (111) 4000	N47 C20K1	2,0	D
1, 2, 3	Cooper SD (R60) (2011 – 2013)	100 (136) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper SD (R60) (2011 – 2013)	105 (143) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper SD (R58) (2011 – 2013)	100 (136) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper SD (R58) (2011 – 2013)	105 (143) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper D (R56/57) (2010 – 2013)	82 (112) 4000	N47 C16U1	2,0	D
1, 2, 3	One D (R56/57) (2010 – 2013)	66 (90) 4000	N47 C16K1	1,6	D
1, 2, 3	Cooper D (R56/57) (2011 – 2013)	82 (112) 4000	N47 C20K1	2,0	D
1, 2, 3	Cooper SD (R56/57) (2011 – 2013)	100 (136) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper D (R61) (2013 – 2015)	82 (112) 4000	N47 C16A/U1	1,6	D
1, 2, 3	Cooper D (R61) (2013 – 2015)	82 (112) 4000	N47 C20K1	2,0	D
1, 2, 3	Cooper SD (R61) (2013 – 2015)	105 (143) 4000	N47 C20A/K1	2,0	D
1, 2, 3	Cooper SD (R61) (2013 – 2015)	100 (136) 4000	N47 C20K1	2,0	D
1, 2, 3	Cooper SD (R59) (2012 – 2013)	100 (136) 4000	N47 C20U1	2,0	D
1, 2, 3	Cooper SD (R59) (2012 – 2013)	105 (143) 4000	N47 C20U1	2,0	D