

**Clutch-in rpm of HiT251701, V4,am**  
shared shoe - 242gm x4/total1717gm

	Clutch	Clutch spring	Clutch -in, rpm	Pillow spring	Remark	
	X9 500, MP3 500		960		riding comfort	acceleration
1	HiT251701	CS1532407095BL6.5-5.2kg,	930	SP1532407095BL6.5-5.2kg		
				SP1632007095BK10-7.5kg		
				SP1832565105RD12.5-10kg		
				SP2032365103YL20-16kg		
				SP2031565103PK25-21.5kg	off-road	
				SCG2231806108RD27-25kg		
3	HiT251701	SP1632007095BK10-7.5kg	1100	SP1832565105RD12.5-10kg		
				SP2032365103YL20-16kg	As installed	
				SP2031565103PK25-21.5kg		
				SCG2231806108RD27-25kg		
4	HiT251701	SP1832565105RD12.5-10kg	1120	note 3)		
5	HiT251701	SCG2032007108BL12-12.5kg	1250	note 3)		
6	HiT251701	SCG2032007104BK14.5-14.5kg	1330	note 3)		
		SCG2232006120YL16.5-16.5kg	1679	note 3)		
7	HiT251701	SP2031565103PK25-21.5kg	1784	note 3)		
8	HiT251701	SCG2231106120PK22-22kg	1550	note 3)		

Free ( Red color)pillow springs : --- a) **SP1532407095BL6.5-5.2kg**, b) **SP1632007095BK10-7.5kg**  
c)**SP1832565105RD12.5-10kg**, d) **SP2032365103YL20-16kg**,e) **SP2031565103PK25-21.5kg**,  
f) **SCG2231806108RD27-25kg**

Free( Red color ) clutch springs :---**SP1532407095BL6.5-5.2kg/SP1632007095BK10-7.5kg**  
**SP1832565105RD12.5-10kg/** SCG2032007108BL12-12.5kg/ SCG2032007104BK14.5-14.5kg  
/SCG2232006120YL16.5-16.5kg/ SP2031565103PK25-21.5kg / SCG2231806108RD27-25kg

Notes :

- 1.) the engaged rpm is mainly controlled by the clutch spring so firstly choosing the correct clutch spring (ie. get an acceptable weaker clutch spring for better riding comfort or acceptable harder spring for better acceleration),then secondary selecting the best pillow spring to have a better fully engaged rpm.
- 2.) the suggested spring combinations (as installed ) is from the field tests if the suggested one is not matched to your vehicle,please tune it to get a better one.
- 3.) if tuning is needed then first select a suitable pillow spring under the suggested clutch spring or directly get a new clutch spring and select a suitable pillow spring.