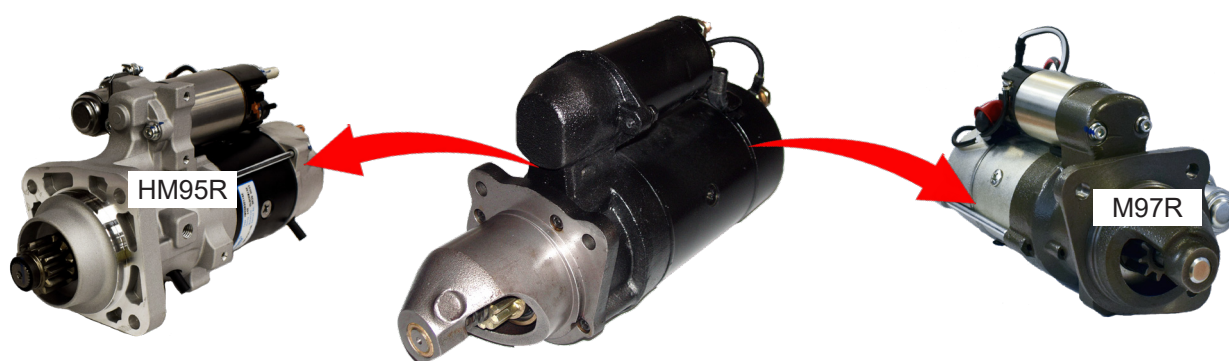


PRESTOLITE MS4 STARTER MOTOR RANGE REPLACEMENT OPTIONS

- BRAND NEW - no surcharge / core required
- Prestolite OE specification product
- Modern gear reduced starters
- Upgraded to 6kW for the M97R and 7.5kW for the HM95R (compared with 5.5kW for the MS4 starters)
- Noseless design (for the M95R starters)

MS4 REPLACEMENTS



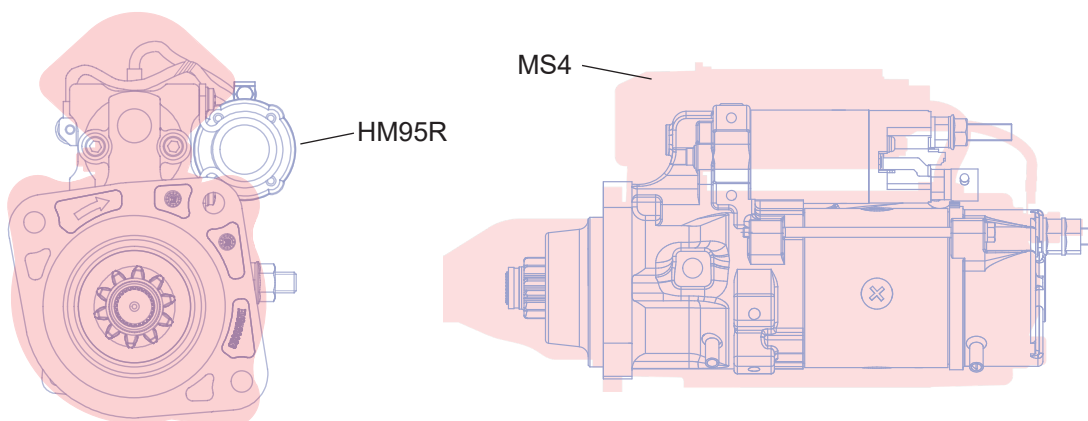
Replacement options for the MS4 starter motors range can be found using the established HM95R and M97R series of starter motors.

Please see the following guide for alternative options and sizing guides to aid product selection.

For more information, please contact your sales manager or contact Customer Service on +44 (0)20 8231 1137 or by email at eu-orders@prestolite-eu.com

SIZE / PROFILE COMPARISON

SAE1 Bracket type



MS4 ALTERNATIVES

	MS4 REF (TYPE REF)	FEATURES	TEETH (OFFSET)	PINION OD	PINION MODULE
OLD	MS4-400	Insulated return Oil-sealed	12t	37.2	10/12 DP
	MS4-401	Insulated return Oil-sealed	12t	37.2	10/12 DP
NEW	HM95R3011SE	Earth return Oil-sealed	12t	37.2	10/12 DP
					
OLD	MS4-404	Insulated return Oil-sealed	10t	39.67	8/10 DP
NEW	HM95R3041SE	Earth return Oil-sealed	10t	39.8	8/10 DP
					
OLD	MS4-405	Insulated return Oil-sealed	10t	39.7	8/10 DP
NEW	HM95R3801SE	Insulated return Oil-sealed	12t (3.7mm offset)	46.7	8/10DP
					

MS4 ALTERNATIVES

	MS4 REF (TYPE REF)	FEATURES	TEETH (OFFSET)	PINION OD	PINION MODULE
OLD	MS4-406	Insulated return Oil-sealed	10t	39.6	8/10 DP
NEW	M97R3101SE	Insulated return Oil-sealed	10t	39.6	8/10DP
					
OLD	MS4-407	Insulated return Oil-sealed	12t	46.3	8/10 DP
NEW	HM95R3042SE	Earth return Oil-sealed	12t	46.7	8/10DP
					
OLD	MS4-408	Insulated return Oil-sealed	10t	39.7	8/10 DP
NEW	HM95R3034SE*	Earth return, standard automotive specs. Oil-sealed.	10t	39.7	8/10DP
	HM95R3603SE*	Insulated return, standard automotive specs. Oil-sealed.	10t	39.7	8/10DP
	M105R3115SE*	Insulated return, standard automotive specs. Oil-sealed.	10t	39.7	8/10DP
	M105G3115SE*	Insulated return, military specs. Oil-sealed and wadable.	10t	39.7	8/10DP
<p>* MS4-408 is application specific. Check possible replacements are suitable.</p> 					