					$\frac{-t_1)}{2}$		( <u>1</u> ,
$\tau_{1}^{\#2}{}_{\alpha}$	0	0	0	$\frac{2ik}{t_1 + 2k^2t_1}$	$\frac{i\sqrt{2} k(2k^2 r_1 + t_1)}{(t_1 + 2k^2 t_1)^2}$	0	$\frac{2 k^2 (2 k^2 r_1 + t_1)}{(t_1 + 2 k^2 t_1)^2}$
$\tau_{1^{-}\alpha}^{\#1}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#2}$	0	0	0	$\frac{\sqrt{2}}{t_1 + 2k^2t_1}$	$\frac{2k^2r_1+t_1}{(t_1+2k^2t_1)^2}$	0	$-\frac{i\sqrt{2}k(2k^2r_1+t_1)}{(t_1+2k^2t_1)^2}$
$\sigma_{1^{-}\alpha}^{\#1}$	0	0	0	0	$\frac{\sqrt{2}}{t_1 + 2k^2t_1}$	0	$-\frac{2ik}{t_1+2k^2t_1}$
$\tau_1^{\#1}{}_+\alpha\beta$	$-\frac{i\sqrt{2}k}{t_1+k^2t_1}$	$\frac{ik}{(1+k^2)^2t_1}$	$\frac{k^2}{(1+k^2)^2t_1}$	0	0	0	0
$\sigma_1^{\#2}$	$-\frac{\sqrt{2}}{t_1+k^2t_1}$	$\frac{1}{(1+k^2)^2 t_1}$	$-\frac{ik}{(1+k^2)^2t_1}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha\beta}$	0	$-\frac{\sqrt{2}}{t_1+k^2t_1}$	$\frac{i\sqrt{2}k}{t_1+k^2t_1}$	0	0	0	0
	$\sigma_1^{\#1} +^{lphaeta}$	$\sigma_1^{\#2} + \alpha^{eta}$	$\tau_1^{\#1} + ^{\alpha\beta}$	$\sigma_{1^{ ext{-}}}^{\#1} +^{lpha}$	$\sigma_{1}^{\#2} +^{lpha}$	$\tau_{1}^{\#1} + ^{\alpha}$	$\tau_1^{\#2} +^{\alpha}$

	$\sigma_{2^{+}\alpha\beta}^{\#1}$	$ au_2^{\#1}_{lphaeta}$	$\sigma_{2}^{\#1}{}_{\alpha\beta\chi}$
$\sigma_{2^{+}}^{\sharp 1}\dagger^{lphaeta}$	$\frac{2}{(1+2k^2)^2t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	0
$\tau_{2}^{\#1} \dagger^{\alpha\beta}$	$\frac{2 i \sqrt{2} k}{(1+2 k^2)^2 t_1}$	$\frac{4k^2}{(1+2k^2)^2t_1}$	0
$\sigma_2^{\#1} \dagger^{\alpha\beta\chi}$	0	0	$\frac{2}{2k^2r_1+t_1}$

$f_{1}^{\#2}$	0	0	0	īkt <sub>1</sub>	0	0	0
$f_{1^{-}}^{\#1}\alpha$	0	0	0	0	0	0	0
$\omega_{1^{^{-}}\alpha}^{\#2}$	0	0	0	$\frac{t_1}{\sqrt{2}}$	0	0	0
$\omega_{1^{\bar{-}}}^{\#1}{}_{\alpha}$	0	0	0	$-k^2 r_1 - \frac{t_1}{2}$	$\frac{t_1}{\sqrt{2}}$	0	$-ar{\imath}kt_1$
$f_1^{\#1}$	$-\frac{ikt_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_{1}^{\#2}{}_{\alpha\beta}$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_{1}^{\#1}{}_{\alpha\beta}$	_ <u>t1</u> _ 2	$-\frac{t_1}{\sqrt{2}}$	$\frac{ikt_1}{\sqrt{2}}$	0	0	0	0
	$\int_{1}^{\#1} + \alpha \beta$	$_{1}^{#2} + ^{\alpha\beta}$	$_{1}^{\#1}+^{\alpha\beta}$	$\omega_{1}^{\#1} +^{lpha}$	$\omega_{1}^{\#2} +^{\alpha}$	$a_1^{-1}$	$c_{1}^{#2} + \alpha$

$\omega_{0^+}^{\sharp 1}$		$f_{0}^{#1}$	$f_{0}^{#2}$	$\omega_0^{\#1}$
$\omega_{0}^{\#1}$ †	-t <sub>1</sub>	$i \sqrt{2} kt_1$	0	0
$f_{0}^{#1}\dagger$	$-i \sqrt{2} kt_1$	$-2 k^2 t_1$	0	0
$f_{0}^{#2} \dagger$	0	0	0	0
$\omega_{0}^{\sharp 1}$ †	0	0	0	-t <sub>1</sub>

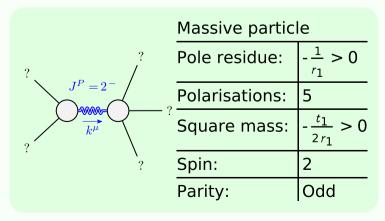
 $\omega_{2^{+}\alpha\beta}^{\#1} f_{2^{+}\alpha\beta}^{\#1} \omega_{2^{-}\alpha\beta\chi}^{\#1}$ 

 $f_{2+}^{#1} \dagger^{\alpha\beta}$ 

 $\omega_2^{\#1} \dagger^{\alpha\beta\chi}$ 

Source constraints				
SO(3) irreps	#			
$\tau_{0^{+}}^{\#2} == 0$	1			
$\tau_{0^{+}}^{\#1} - 2 \bar{i} k \sigma_{0^{+}}^{\#1} == 0$	1			
$\tau_{1}^{\#2\alpha} + 2  \bar{\imath}  k  \sigma_{1}^{\#2\alpha} == 0$	3			
$\tau_1^{\#1\alpha} == 0$	3			
$\tau_{1+}^{\#1}{}^{\alpha\beta} + i k \sigma_{1+}^{\#2}{}^{\alpha\beta} == 0$	3			
$\tau_{2+}^{\#1\alpha\beta} - 2ik\sigma_{2+}^{\#1\alpha\beta} == 0$	5			
Total #:	16			

$\sigma_{0}^{\#1}$	0	0	0	- <u>1</u>
$ au_0^{\#2}$	0	0	0	0
$\tau_0^{\#1}$	$\frac{i\sqrt{2}k}{(1+2k^2)^2t_1}$	$-\frac{2k^2}{(1+2k^2)^2t_1}$	0	0
$\sigma_0^{\#1}$	$-\frac{1}{(1+2k^2)^2t_1}$	$-\frac{i\sqrt{2}k}{(1+2k^2)^2t_1}$	0	0
	$\sigma_{0}^{\#1}$ †	$\tau_0^{\#1}$ †	$\tau_{0}^{\#2}$ †	$\sigma_{0}^{\#1}$ †



(No massless particles)