I. $\left(cosec(2A-2)\right)(\cot(3A-1))=0.$

Then

$cosec(2A-2)=0$ or $\cot(3A-1)=0.$

As $cosec(2A-2)=\frac{1}{\sin(2A-2)}\neq 0$, so $\cot(3A-1)=0.$

$\cot(3A-1)=\frac{\cos(3A-1)}{\sin(3A-1)}=0.$

Then $\cos(3A-1)=0$, $3A-1=\frac{\pi}{2}+\pi n, n\in Z.$

Finally, $A=\frac{1}{3}+\frac{\pi}{6}+\frac{\pi n}{3}, n\in Z.$

II. $\cos(3A)*(2\sin(2A)-1)=0$

Then

$\cos(3A)=0$ or $(2\sin(2A)-1)=0.$

For the first equation:

$3A=\frac{\pi}{2}+\pi n, n\in Z;$

$A=\frac{\pi}{6}+\frac{\pi n}{3}, n\in Z.$

For the second:

$\sin(2A)=\frac{1}{2},$

$2A=\frac{\pi}{6}+2\pi k$ or $2A=\frac{5\pi}{6}+2\pi k, k\in Z;$

$A=\frac{\pi}{12}+\pi k$ or $A=\frac{5\pi}{12}+\pi k, k\in Z.$

Finally, the answer is: $A=\frac{\pi}{6}+\frac{\pi k}{3}$, $A=\frac{\pi}{12}+\pi k$ and $A=\frac{5\pi}{12}+\pi k$ for all $k\in Z.$