The group G is isomorphic to the group labelled by [60, 5] in the Small Groups library.
Ordinary character table of $G \cong$ A5:

	$1a$	$2a$	$3a$	$5a$	$5b$
χ_1	1	1	1	1	1
χ_2	3	-1	0	$-E(5)-E(5)^4$	$-E(5)^2-E(5)^3$
χ_3	3	-1	0	$-E(5)^2-E(5)^3$	$-E(5)-E(5)^4$
χ_4	4	0	1	-1	-1
χ_5	5	1	-1	0	0

Trivial source character table of $G \cong$ A5 at $p = 2$:

Normalisers N_i	N_1				N_2	N_3		
p-subgroups of G up to conjugacy in G	P_1				P_2	P_3		
Representatives $n_j \in N_i$	$1a$	$3a$	$5a$	$5b$	$1a$	$1a$	$3b$	$3a$
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5$	12	0	2	2	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5$	8	-1	$-E(5)^2-E(5)^3$	$-E(5)-E(5)^4$	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5$	8	-1	$-E(5)-E(5)^4$	$-E(5)^2-E(5)^3$	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5$	4	1	-1	-1	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5$	6	0	1	1	2	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5$	1	1	1	1	1	1	1	1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5$	5	-1	0	0	1	1	$E(3)$	$E(3)^2$
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5$	5	-1	0	0	1	1	$E(3)^2$	$E(3)$

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(2,4)(3,5)]) \cong$ C2
$P_3 = Group([(2,4)(3,5),(2,3)(4,5)]) \cong$ C2 x C2

$N_1 = AlternatingGroup([1..5]) \cong$ A5
$N_2 = Group([(2,4)(3,5),(2,5)(3,4)]) \cong$ C2 x C2
$N_3 = AlternatingGroup([2..5]) \cong$ A4