

Benchmark Tests (EOA)									
Test Name	Action Name	Blur	Foundation	LooksRare	Seaport	Seaport-1.2	sudoswap	X2Y2	ZeroEx
ERC721 -> ETH List-On-Chain	List	✗	93138(+70%)	✗	59738(+9%)	64738(+18%)	116021(+111%)	✗	54882
	Fulfill	✗	110289(+57%)	✗	77300(+10%)	76660(+9%)	70383	✗	79165(+12%)
ERC721 -> ETH	Fulfill, w/ Sig	257841(+165%)	✗	191719(+97%)	98028(+1%)	97532	✗	148894(+53%)	97323
ERC1155 -> ETH List-On-Chain	List	✗	✗	✗	53238	58238(+9%)	✗	✗	55558(+4%)
	Fulfill	✗	✗	✗	73905(+1%)	73259	✗	✗	78641(+7%)
ERC1155 -> ETH	Fulfill, w/ Sig	✗	✗	153773(+57%)	98621	98131	✗	✗	98795(+1%)
ERC721 -> WETH List-On-Chain	List	✗	✗	✗	53490(+1%)	58490(+11%)	✗	✗	52882
	Fulfill	✗	✗	✗	83976(+1%)	83326	✗	✗	102824(+23%)
ERC721 -> WETH	Fulfill, w/ Sig	212674(+99%)	✗	126328(+18%)	108704(+2%)	108198(+1%)	✗	167993(+57%)	107082
ERC721 -> ERC20 List-On-Chain	List	✗	✗	✗	53490(+1%)	58490(+11%)	114024(+116%)	✗	52882
	Fulfill	✗	✗	✗	83828(+1%)	83178	98494(+18%)	✗	102643(+23%)
ERC721 -> ERC20	Fulfill, w/ Sig	✗	✗	126180(+18%)	108556(+2%)	108050(+1%)	✗	167522(+57%)	106901
ERC1155 -> ERC20 List-On-Chain	List	✗	✗	✗	53490	58490(+9%)	✗	✗	53558
	Fulfill	✗	✗	✗	84535(+1%)	83886	✗	✗	84219
ERC1155 -> ERC20	Fulfill w/ Sig	✗	✗	127546(+18%)	109263(+1%)	108758	✗	✗	108373
ERC20 -> ERC721 List-On-Chain	List	✗	✗	✗	53490(+28%)	58490(+40%)	41918	✗	52894(+26%)
	Fulfill	✗	✗	✗	83964(+1%)	83314	84768(+2%)	✗	105116(+26%)
ERC20 -> ERC721	Fulfill w/ Sig	✗	✗	126177(+18%)	108692(+1%)	108186(+1%)	✗	165575(+54%)	107374
WETH -> ERC721 List-On-Chain	List	✗	✗	✗	53490(+1%)	58490(+11%)	✗	✗	52894
	Fulfill	✗	✗	✗	84112(+1%)	83462	✗	✗	103264(+24%)
WETH -> ERC721	Fulfill w/ Sig	210674(+96%)	✗	126325(+17%)	108840(+1%)	108334(+1%)	✗	166034(+54%)	107522
ERC20 -> ERC1155 List-On-Chain	List	✗	✗	✗	53490	58490(+9%)	✗	✗	53570
	Fulfill	✗	✗	✗	84588(+1%)	83939	✗	✗	86827(+3%)
ERC20 -> ERC1155	Fulfill w/ Sig	✗	✗	127560(+17%)	109316	108811	✗	✗	108969
ERC721 -> ERC1155 List-On-Chain	List	✗	✗	✗	53502	58502(+9%)	✗	✗	✗
	Fulfill	✗	✗	✗	94379(+3%)	91613	✗	✗	✗
ERC721 -> ERC1155	Fulfill w/ Sig	✗	✗	✗	119168(+2%)	116524	✗	✗	✗
ERC1155 -> ERC721 List-On-Chain	List	✗	✗	✗	53502	58502(+9%)	✗	✗	✗
	Fulfill	✗	✗	✗	94379(+3%)	91613	✗	✗	✗
ERC1155 -> ERC721	Fulfill w/ Sig	✗	✗	✗	119168(+2%)	116512	✗	✗	✗
ERC721 -> ETH One-Fee-Recipient List-On-Chain	List	✗	69350(+26%)	✗	54990	61425(+12%)	✗	✗	56766(+3%)
	Fulfill	✗	121148(+13%)	✗	107597(+1%)	106810	✗	✗	127785(+20%)
ERC721 -> ETH One-Fee-Recipient	Fulfill w/ Sig	262511(+99%)	✗	✗	134313(+2%)	133669(+1%)	✗	163865(+24%)	132032
ERC721 -> ETH Two-Fee-Recipient List-On-Chain	List	✗	✗	✗	56723	64589(+14%)	✗	✗	61156(+8%)
	Fulfill	✗	✗	✗	141845(+1%)	140912	✗	✗	163038(+16%)
ERC721 -> ETH Two-Fee-Recipient	Fullfil /w Sig	300439(+81%)	✗	✗	166573	165771	✗	198156(+20%)	167297(+1%)
ERC721x10 -> ETH List-On-Chain	List	✗	✗	✗	67101	83130(+24%)	591074(+781%)	✗	✗
	Fulfill	✗	✗	✗	178527(+23%)	172046(+19%)	145098	✗	✗
ERC721x10 -> ETH	Fulfill /w Sig	✗	✗	✗	185317(+4%)	178958	✗	209616(+17%)	✗
ERC721x10 -> ETH Distinct Orders List-On-Chain	List	✗	✗	✗	354647	402521(+13%)	981248(+177%)	✗	✗
	Fulfill	✗	✗	✗	502904(+21%)	449907(+8%)	416159	✗	✗
ERC721x10 -> ETH Distinct Orders	Fulfill /w Sigs	1428791(+208%)	✗	✗	746915(+61%)	695113(+50%)	✗	787309(+70%)	463350
ERC721x10 -> ERC20 Distinct Orders List-On-Chain	List	✗	✗	✗	357167	405041(+13%)	✗	✗	✗
	Fulfill	✗	✗	✗	513692(+11%)	460728	✗	✗	✗
ERC721x10 -> ERC20 Distinct Orders	Fulfill /w Sigs	✗	✗	✗	759727(+81%)	707934(+68%)	✗	1027995(+145%)	420330
ERC721x10 -> WETH Distinct Orders List-On-Chain	List	✗	✗	✗	357167	405041(+13%)	✗	✗	✗
	Fulfill	✗	✗	✗	513840(+11%)	460876	✗	✗	✗
ERC721x10 -> WETH Distinct Orders	Fulfill /w Sigs	1400375(+232%)	✗	✗	759851(+80%)	708094(+68%)	✗	1032909(+145%)	422128
ERC721 A -> B -> C -> A	Fulfill /w Sigs	✗	✗	✗	246876(+5%)	235521	✗	✗	✗